

The Cattleman

Fort Worth, Texas, February, 1931
Volume XXIV, No. 2



at Fort Worth

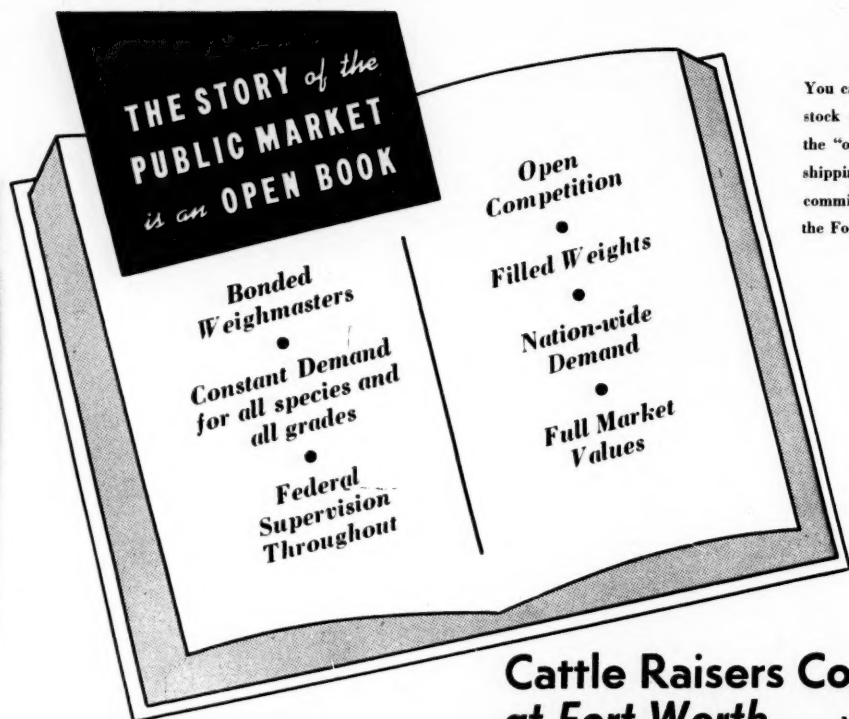
at Fort Worth

at Fort Worth

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AUCTION SALE OF RANGE BULLS



We have consigned five range bulls to the **TEXAS MID-COASTAL BRAHMAN BREEDERS** Auction Sale to be held at El Campo, Texas, Wednesday, March 12, 1952, at 1:00 P. M.

We suggest that you make plans to attend the sale and also to visit us at **Hungerford** while you are in Wharton County.

J. D. HUDGINS

"Beef-Type Brahms"

Hungerford
Texas

Welch
Oklahoma

The Cattleman

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No. 9

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A Mill Iron Jig-saw puzzle

EXPANSION! PROGRESS!

An increase in herd numbers

means development of new ranches

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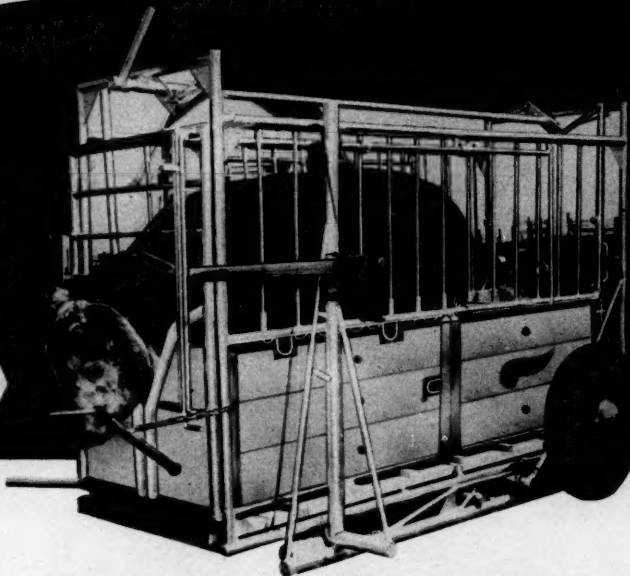
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the beef industry loses \$50,000,000 annually! . . .

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"KING OF THE CATTLE CHUTE WORLD"



Of things that concern cattle raisers

The Cattleman Cover

RANGE COW AND BEEF CALF—By Tom Lea

OUR ten-day-old bull calf is nestling by the side of its mother at dawn on an early summer pasture in southern New Mexico, where it was born. The cow is good range stock, not purebred, but of predominant Hereford blood; the calf's sire is a registered Hereford bull bought as a yearling for \$250. The pasture is fair grazing land well fenced, and cattle need walk no more than two miles to water from any point of their grazing. Grass here will spring fresh and green from the summer rains, and the calf will grow fast, nursing from its thrifty, grassfed mother.

This painting is the first of the remaining paintings in this series which outline the career of today's typical beef animal.

There was the problem of choosing a "typical" beef animal.

I decided against presenting a purebred raised and fed on a stock-farm by the breeder to make show beef at a fancy price. On the other hand I did not believe that a range scrub, a grasser butchered as "utility" class beef would do justice to the quality of meat available to the American house-wife.

What I did select as a typical beef animal was the calf of a good western range cow (of old Longhorn blood consistently up-bred for generations by purebred bulls until she is almost pure standard Hereford). I made this calf a steer, for steers make the best grade of meat; and I dehorned the steer for stockmen get a little better price for polled animals as they do not injure each other in pens and transit. To make good beef this young range steer should have heavy feeding, so I sent it to a feeder lot in the Midwest, then through traditional channels to the Union Stockyards, and Swift and Company, Chicago.

The resulting outline is perhaps oversimplified, but normal.

This is the fifth of a series of eleven paintings by Tom Lea on Western beef cattle to be published from time to time on the cover of *The Cattleman*. Lea was commissioned by Life Magazine to do these paintings and they were presented to the Dallas Museum of Fine Arts in 1950 by Life. They are reproduced through the courtesy of this museum.

A booklet containing this series of paintings in black and white and a description of each can be secured for 50 cents by writing to the Dallas Museum of Fine Arts, Dallas, Texas, and mentioning *The Cattleman*.—The Editor.

PICTURES DELAYED

We have had word from the American Picture Company at Kansas City, Missouri, that they have had some difficulty in securing packing equipment and this, with the illness of some of the office personnel, has caused delay in filling orders for enlargements of the picture used on the December, 1951, cover of *The Cattleman*. We have been assured that these orders are being shipped as rapidly as possible and take this means of telling those who have ordered pictures about the cause of the delay.—The Editors.

Quiet on Foot-and-Mouth Front

THE anniversary of the Comalteco foot-and-mouth outbreak of late 1950 and early 1951 was passed quietly in Mexico, accompanied by the general hope in the Mexico-United States Commission for the Eradication of Foot-and-Mouth Disease that this time there would be "no unpleasant surprises."

Just a year before, on New Year's Eve, 56 infected and contact animals were eradicated in the village of Comalteco, municipio of Espinal, state of Vera Cruz. More infection was found on January 3 and 328 hogs, 11 sheep, and six cattle were sacrificed on January 4.

No Comalteco infection appeared as 1951 ended and 1952 began, and hopes were bright that, with a general tightening of supervision and controls, and greater cooperation of the

HOTEL RESERVATIONS

Texas and Southwestern Cattle Raisers Association Convention Fort Worth, Texas - March 17-19

Those desiring to secure hotel reservations for this convention are urged to write the hotel of their choice or to Chairman of the Housing Committee, Post Office Box 1657, Fort Worth.

Your 1952 convention is going to be a great success.

We are going all out to see that you have a good place to stay.

FORT WORTH HOTEL MEN'S ASSOCIATION

people this year, the Nautla anniversary can be observed next August without another break. This is the goal of Licenciado Oscar Flores and Dr. L. R. Noyes, Director and Co-Director of the Commission.

Susceptible test cattle and pigs which have grazed for 90 days over the previously infected areas at Nautla are being sold, and the area is in process of being restocked. The Commission expects to continue, however, for another 60 days to inspect closely the animals which the owners are purchasing and placing on their ranches. Extra attention will therefore be given to the Nautla area until the first of March, and only thereafter will it be subject to normal routine inspection and reports.

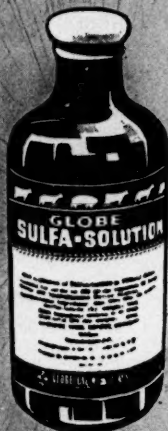
Special efforts are being made in the state of Vera Cruz, meantime, to organize vigilante committees for quick reporting of sick animals. According to the latest report, 662 towns in about 50 municipios now have organized vigilante groups, with a total membership of 19,860. In one sector with a "super-above-par inspector," cooperation of the people has multiplied one hundred times. Follow-up will be necessary, of course, to keep the vigilante groups at a high stage of efficiency.

Aside from the Nautla break, the year 1951 was devoted mainly to inspection and reinspection of the 17 million susceptible animals in the quarantine zone, and to the detection of sick animals. Herds inspected, each averaging about 80 animals, numbered 1,378,663. The total of animals inspected and reinspected during the year was 112,325,686—a number exceeding by nearly a million all the cattle in North America.

Animals with illnesses other than aftosa were found in 100,858 herds, or about one in every fourteen. Of these, 48 per cent were reported through cooperation of the people and 52 per cent were found by routine inspection.

Veterinary inspection, after preliminary screening by live-stock inspectors, was carried out in 3,925 herds having animals with abnormal conditions of the feet, mouth, and teats. Field diagnosis eliminated most of these cases from further consideration by the Commission, but 355 samples of tissue material were taken for laboratory and biological analysis. By far the greater number of these—192, more than half—were shown by serological and biological tests to be vesicular stomatitis. A total of 145 were of the Indiana type and 47 were of the New Jersey type of stomatitis. Samples numbering 187, more than one-third, were negative. Thirteen samples were

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insufficient for testing, and 13 were foot-and-mouth disease. Four of these aftosa samples were from the Comalteco break and nine were from the Nautla break.

During December, 1951, 12 samples were received from eight herds in three states. Seven of the samples proved to be vesicular stomatitis (five Indiana, two New Jersey), and five samples were negative. None of the December samples showed foot-and-mouth disease.

The Commission continued to reduce its personnel strength during 1951, from 2,707 at the beginning of the year to 1,755 at the year end. The larger figure included 170 people in the Mexican section, 770 in the U. S. section, and 1,767 Joint Commission employees, most of whom are Mexican nationals. The 1,755 employees with which the Commission began the year 1952 include 129 in the Mexican section, 475 in the U. S. section, and 1,151 in the Joint Commission. U. S. veterinarians numbered 66 at the year's beginning, 55 at its end; each of these men worked with a Mexican counterpart, making a current veterinarian force of 110. U. S. livestock inspectors numbered 527 at the beginning of the year, 333 at the end; they, with their Mexican counterparts, make up a lay inspector force of 666.

Motorized equipment decreased during the year from 866 to 606 units, water-tank trailers from 163 to 115, and cattle trailers from 17 to 9. A few of these vehicles were sold in Mexico, but most of them were cleaned, disinfected, and returned to the U. S. Government. The count of saddle horses decreased during the year from 1,556 to 1,165, pack mules from 292 to 171.

Status of CCC Price-Support Program

THE U. S. Department of Agriculture reports that \$2,028,794,000 was invested in Commodity Credit Corporation price-support program loans and inventories as of November 30, 1951, and that the Corporation sustained a net realized loss of \$40,550,000 in carrying out this program during the first five months of the current fiscal year, which ends June 30, 1952. (The net realized loss on the CCC price-support program for the fiscal year ended June 30, 1951, was \$345,599,000).

Of the total investment of \$2,028,794,000, loans outstanding totaled \$795,899,000 (including \$244,520,000 of commodity loans held by lending agencies, \$503,680,000 held by the CCC, and \$47,699,000 of loans approved but not fully processed) while inventories acquired under loan, purchase agreement, and direct purchase operations represented an investment of \$1,232,895,000.

Price-support operations in four commodities accounted for the bulk of the loan total. These commodities, the quantities of collateral pledged, and the loans outstanding were as follows:

Wheat	173,122,697 bu. ¹	\$359,232,674
Tobacco	335,709,230 lbs.	161,562,540
Cotton	709,103 bales	115,369,629
Corn	43,504,231 bu. ²	60,154,925
Other	x x x	99,579,022
	x x x	\$795,898,790

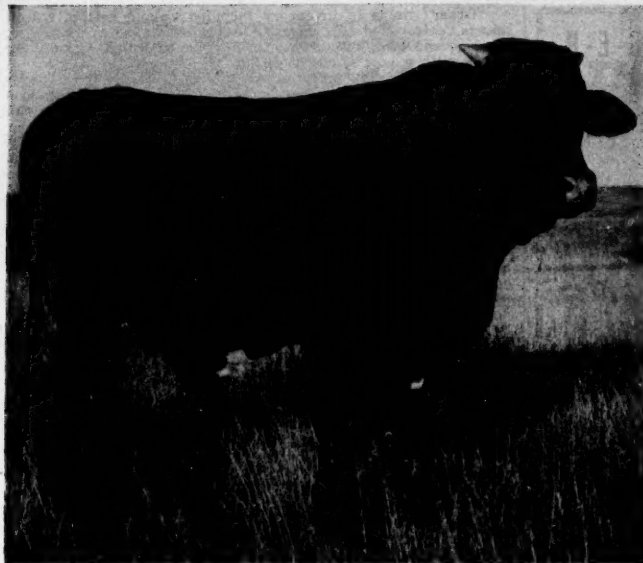
¹Includes, in addition to 172,578,831 bushels of 1951-crop wheat, 394,354 bushels of 1950-crop wheat and 149,512 bushels of rescaled 1949-crop wheat.

²Includes, in addition to 3,648,029 bushels of 1951-crop corn, 9,490,466 bushels of 1950-crop corn, 30,701,268 bushels of rescaled 1948 and 1949-crop corn, and 264,455 bushels of 1948 and 1949-crop corn in process of liquidation or rescaling.

Included under "Other" above were loans on cottonseed, flaxseed, peanuts, soybeans, hay and pasture and winter cover crop seeds, barley, dry edible beans, grain sorghum, oats, rice, rye, and gum turpentine and rosin. In this group, the largest amount of loans on any one commodity was \$16,841,250 on soybeans.

Items in the inventory of the CCC as of November 30, the quantities involved, and the cost were as follows:

Corn	401,516,571 bu.	\$ 630,657,953
Wheat	142,816,747 bu.	363,709,184
Linseed Oil	213,513,151 lbs.	60,678,409
Dry Edible Beans	5,079,352 cwt.	42,067,894
Barley	17,667,743 bu.	28,720,543
Field Seed	359,816,446 lbs.	60,678,409
Peanuts	186,411,045 lbs.	19,715,439
Grain Sorghums	6,777,875 cwt.	17,544,485
Dried Eggs	15,430,723 lbs.	15,456,021
Gum Rosin	144,164,380 lbs.	10,235,969
Dried Milk	56,159,010 lbs.	8,600,082
Oats	7,646,385 bu.	7,616,862
Other	x x x	7,338,842
	x x x	\$1,232,894,964



This Is Don Pancho

**Write Today
For Details—
1952
BEEFMASTER Plan
Cow-and-Calf Contract**

**1953
Calf Contract**

See them in San Antonio!

MILL CREEK-BEEFMASTER calves from the Walker White Ranch at Mason, Texas, will be on exhibition at the San Antonio Livestock Exhibition which opens February 15th. We invite you to see these calves when you visit the show.

This is Don Pancho, a proud member of the efficient, modern breed, BEEFMASTERS.

Don Pancho was dropped on our Falfurrias ranch in December, 1950. Conditions for cattle raising weren't good there at that time. Don Pancho's calfhood days were the driest anyone around Falfurrias can remember. But BEEFMASTERS are good rustlers and BEEFMASTER mothers take care of their calves. Without creep-feeding but with plenty of good BEEFMASTER milk, Don Pancho grew fast, and he was already a big, husky fellow when he was weaned in September last year.

A few days after weaning, Don Pancho took a trip, 1,000 miles north and 6,000 feet up. From the sizzling September heat at Falfurrias, Texas (altitude 109 feet), he went to our Matheson, Colorado, ranch (altitude 6,000 feet). But Don Pancho never noticed the difference. Even when the thermometer dropped to below zero five weeks after he arrived in Colorado, Don Pancho took it on the open range.

He posed for the photograph above just a few days after his first birthday, and he weighed 888 pounds at the time.

Don Pancho is a typical BEEFMASTER. He's heavy, yes, for under South Texas range conditions BEEFMASTERS will outweigh most breeds 30 per cent or more at any age. He's gentle, easy to handle; he has bred-in resistance to many common diseases as well as screw worms, ear ticks and other insect pests. His conformation is the kind that will yield more good beef at the packing house.

Since BEEFMASTERS breed well as yearlings, Don Pancho will join our breeding herd this spring. His own calves will soon be coming along, bred true to those BEEFMASTER qualities that make this efficient modern breed the most profitable cattle you can raise.

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The American Breed

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"Other" items in inventory included upland cotton, cotton lint, cottonseed oil, cheese, soybeans, flaxseed, rice, rye, tobacco, and gum turpentine, the largest of which was upland cotton with a cost value of \$2,939,607.

The net loss in carrying on the CCC price-support program during the first five months of the fiscal year was realized largely on eggs, wheat, peanuts, beans and grain sorghum.

As of November 30, 1951, the CCC was authorized to have total borrowings outstanding and obligations to purchase loans held by lending agencies at any one time of \$6,750,000,000 to carry on its various programs, including the price-support program. The CCC had in use \$2,304,000,000 of its statutory borrowing authority; i. e., actual borrowings totaled \$2,053,000,000 and obligations to purchase commodity and storage loans held by lending agencies amounted to \$251,000,000. This left a net statutory borrowing authority available of \$4,446,000,000. In addition, other current operating obligations of the CCC amounted to \$103,000,000, some part of which may be liquidated by the use of borrowing authority. These current operating obligations included accounts payable and accrued liabilities totaling \$45,000,000, purchase agreements amounting to \$8,000,000, and other commitments of approximately \$50,000,000.

The Corporation has a paid-in capital of \$100,000,000 and at times it receives advances from purchasers of commodities. These funds, of course, reduce the amount of borrowings necessary for the Corporation to carry out its operations.

Sheep and Lambs on Feed

THE number of sheep and lambs on feed for market in the United States on January 1 this year was 15 per cent larger than last year, the Bureau of Agricultural Economics reports. The number is estimated at 3,884,000 head, or 502,000 head more than last year. This is the first year since 1945 that there has been an increase over the previous year. While the number is the largest since 1949, it is still one of the lowest in the past 20 years. The number is about 30 to 45 per cent below the number on feed in the years 1935 to 1947. The peak inventory was 6,954,000 head in 1943. Most states showed increases from last year, although numbers in about one-third were unchanged or down.

In the 11 Corn Belt states, the number on feed is estimated at 2,273,000 head, an increase of 8 per cent or 161,000 head over last year. Corn Belt states which have increased lamb feeding operations this year are Illinois, 40 per cent; Minnesota, 30 per cent; Iowa, 30 per cent; South Dakota, 25 per cent; Michigan, 14 per cent; Nebraska, 9 per cent, and Ohio, 5 per cent. The number of lambs on feed in Indiana and Missouri is the same as last year. Corn Belt states showing reductions are Kansas, down 42 per cent to its lowest level since 1925, and Wisconsin, down 10 per cent.

Shipments of sheep and lambs into the eight Corn Belt states for which state inspection data are available for the months July through December were 20 per cent above the same months for 1950. Only Indiana received less sheep and lambs during this six-month period than a year ago.

The number of lambs on feed in the wheat pasture areas of the Great Plains is down from last year. In Kansas the number of lambs on wheat pastures on January 1 was estimated at about 95,000 head, compared with 210,000 head last year, and 900,000 head five years ago. Wheat pasture feeding is on a low level in the Southern and Central Plains states with total lambs on feed in Kansas down 42 per cent; Oklahoma, down 26 per cent; New Mexico, down 40 per cent; and Texas unchanged.

In the West, Colorado and California, two important lamb feeding states, show substantial increases over last year. Marked increases occurred in both Northern Colorado where there were 445,000 head on feed, and in the Arkansas Valley, which had nearly twice as many on feed as a year ago. The number of lambs on pasture in southern California is the largest since 1948. Feeding operations in the irrigated North Platte Valley of Western Nebraska and Southeastern Wyoming are 38 per cent larger than last year. A large proportion of lambs, originally planned for wheat pasture grazing, has been diverted to feeding sections of northern Colorado, Nebraska, Wyoming, and some Corn Belt states. Only four Western states—Oklahoma, Washington, Nevada, and New Mexico—had fewer lambs on feed January 1 than a year ago. For the 14-state Western area, the number of lambs on feed was 1,590,000 head or 27 per cent above a year ago. Increases for individual states ranged from 9 to 88 per cent.

Weather conditions to January 1 have not been entirely favorable. Wheat pastures did not develop satisfactorily in the Great Plains states. The Northern states, including the Corn Belt, had considerable snow and extremely cold weather in December. Feeder lambs arrived from the range states at heavier weights than usual.



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Add to youth the priceless know-how of the old timer . . . sensible modern management practices . . . hard work . . . an unflinching faith in the future. These make and will keep ranching an interesting and a profitable part of American life.

The men listed here understand ranching, and at least one of them knows your country. They're top hands at sound mortgage financing. Like you, and like the institution they represent, they're interested only in

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LOOK

At those Big Black Cattle in the

NATIONAL BRANGUS SHOW

8 A. M. Wednesday morning, Feb. 20, 1952.

You'll like them.

LISTEN

To that auctioneer sell those beautiful Blacks
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NATIONAL BRANGUS SALE

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You'll want them.

We'll be there with our show herd.

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Member American Brangus Breeders Assn.

Texas Crop Outlook

FALL and early winter conditions bearing on 1952 crop prospects have been unfavorable again this year, as critical drouth conditions that plagued 1951 crops continued largely unbroken over much of the state. Total rainfall for the period October through December, although more than double the amount received during the same period in the previous year, was less than half of normal, and, of course, contributed little toward building up depleted soil moisture.

Wheat and other small grains were barely holding their own on January 1, but at mid-January were showing some response to temporarily improved moisture from light rains and melting snow and sleet. Dry weather has hampered the winter legume program over most of the state, exceptions being some favored eastern and upper coastal counties where moisture has been sufficient for fair to good development. Moisture conditions in flaxseed areas of South Texas permitted seeding full intended acreages in sharp contrast to a year ago when extreme drouth had prevented the seeding of any acreage. The crop has made fair to good progress, although a December freeze caused some damage and growth has been retarded by dry weather. Cured range feeds are critically short, and, with small grain fields supplying limited grazing, supplemental feeding is necessarily heavy.

The total tonnage of grains and hay on Texas farms January 1 was relatively low, reflecting both smaller 1951 production and increased local needs for feeding. Farm stocks of corn on January 1, 1952, was estimated at 20,531,000 bushels, compared with 23,923,000 bushels a year ago and 10-year average stocks of 31,441,000 bushels. Sorghum grain stocks on farms were indicated at 20,615,000 bushels, about 41 per cent smaller than the 34,696,000 bushels a year ago. Farm stocks of wheat, estimated at 2,077,000 bushels for January 1 this year and 1,614,000 a year ago, were particularly low in both years, due primarily to extremely short crops in 1950 and 1951.

For the United States as a whole, the total tonnage of feed grains on farms January 1, 1952, was relatively low. Total hay stocks are among the largest of record for January 1, but if feeding in some areas is continued at rates to date, local shortages are likely. Farm stocks of 339 million bushels of wheat are smaller than average, but slightly larger than a year ago. Soybean holdings of 103 million bushels are larger than on any other January 1, although only slightly more than a year ago.

Cattle on Feed, January 1, 1952

THE number of cattle on feed in the United States on January 1, 1952, was 11 per cent larger than a year ago and the largest on record, the Bureau of Agricultural Economic reports. The estimated number on feed on January 1 was 5,094,000 head, 496,000 head more than on January 1, 1951. The increase is general, except in Missouri, Oregon, Utah and Nevada. The number on feed in 13 western states is 24 per cent larger than last year.

The number on feed in the north central states, which include the Corn Belt, was 6 per cent larger than a year ago. The total number on feed in the north central states was estimated at 3,676,000 head—the highest on record—compared with 3,452,000 head last year. All of the north central states showed increases except Missouri, which was down 5 per cent. Iowa, the leading feeding state, showed a 5 per cent increase, resulting in the third highest on record. Nebraska, the second ranking feeding state this year, showed a 16 per cent increase, which is a record high.

Outside the north central states the number of cattle on feed was much larger than last year. In the West, cattle feeding is substantially higher than a year ago, reaching a record high for January 1. California, the leading western feeding state, showed an increase of 60 per cent. Elsewhere in the West, marked increases have taken place in some states with Colorado up 31 per cent and New Mexico up 75 per cent. Idaho showed only a modest increase, while Oregon, Utah and Nevada showed fewer cattle on feed. Pennsylvania also had more cattle on feed, being up 15 per cent.

Reports from cattle feeders in the Corn Belt on the weight of cattle on feed on January 1 this year show a smaller proportion of lightweight cattle on feed than last year. Cattle weighing 600 pounds or less accounted for 25 per cent this year compared with 33 per cent last year. Based on present information, the number of fed cattle received at Corn Belt markets during the next three months is expected to be somewhat higher than last year. The number of better grade fed cattle for slaughter is also expected to be higher.

"77" **WICHITA FALLS, TEXAS** **"77"**

A WORD *about our cow herd*

In building our cow herd, we have kept in mind **INDIVIDUALITY, BLOODLINES** and **FAMILIES**. Individuals of uniform top quality with popular bloodlines and from the best of Aberdeen-Angus families are the only ones we have selected for our breeding herd. The produce from these great females has been very pleasing to us and we now have a number of calves in the barn being fitted for further development and for our show herd. We would be pleased to have you visit with us and see our good Angus.

George W. Draham
OWNER

U. S. D. A. Intensifying Research and Disease Control Programs

MORE defense jobs and a steady growth in population are bringing an increasing demand for meat and other animal products, says the annual report of the Bureau of Animal Industry, released by the U. S. Department of Agriculture. Because of these greater needs, the research and disease control programs of the Bureau are being intensified to increase the efficiency of livestock production and safeguard animal products so vital to the country's defense plans.

In 1951, reports Dr. B. T. Simms, Bureau chief, special measures were taken to protect U. S. farm animals from diseases which might be introduced from abroad. Added precautions have been taken at the borders and ports of entry in the inspection and quarantine of animal imports.

Provisions of the Tariff Act of 1930 prohibit importations of domestic ruminants and swine from countries in which foot-and-mouth disease or rinderpest exists. The same prohibition holds for the importation of fresh, chilled, or frozen beef, veal, mutton, or pork from those countries.

As a further safeguard, the second in a series of training schools was held to familiarize additional Bureau veterinarians with the symptoms of serious foreign animal diseases. Thus, with the help of well-trained veterinarians in each geographical area, it would be possible to detect and eradicate a disease before it could spread to other areas. Also, 10 regional conferences with State and Bureau veterinarians resulted in plans for organizing all segments of the veterinary profession and livestock industry as a means of preparing for early detection and proper reporting of any suspected animal disease outbreak.

Concerning the control of diseases already prevalent, the report shows a further reduction in the incidence of brucellosis to 3 per cent of the animals tested, approaching the ultimate goal of complete eradication. Also there was a reduction in the incidence of bovine tuberculosis. Constant alertness on the part of Bureau and State veterinarians thwarted a widespread invasion of the range states by sheep scabies.

Poultry nutrition studies revealed that when a small amount of aureomycin was included in a diet for growing chickens, 19 per cent of protein was so effective as a higher percentage. Without the antibiotic, 21 per cent of protein was needed. Although the difference between these two percentages is small,

a similar reduction in protein content in all the starter and broiler mashers used in the United States would result in an annual saving of 125,000 tons of protein.

During the year covered by the report, the Bureau certified more than 27,000 breeding animals for importation, a slight increase over the number recorded last year. The figure includes 21,940 cattle of various breeds, 3,341 sheep, and 917 hogs. Under the provisions of the Tariff Act of 1930 breeding animals may be imported duty free when they can be certified as purebred.

Asks Step-Up in Farm Equipment Conservation

TO MEET this year's higher-than-ever farm defense production goals despite the tightening supply of new farm machinery and equipment, Secretary of Agriculture Charles F. Brannan has announced plans to intensify the department's efforts to encourage farmers to maintain in good repair and running order the equipment they now have. He has asked the farm equipment industry to gear its production and distribution of repair parts accordingly.

In letters addressed to associations of farm equipment manufacturers, distributors, and retail dealers, the secretary pointed out that: "The 1952 crop year presents the greatest challenge agriculture has ever faced. The 1952 production goals program, announced by the department on November 30, calls for a new record-high level of total crop and livestock production—nearly 50 per cent higher than average production in the 1935-39 period, and about 6 per cent above the near record level of 1951.

"Actually, production from several million additional acres would be needed to fill current food and fiber requirements and build reserve stocks to desirable levels," Mr. Brannan explained. "Unfortunately, sufficient new acreage is not available. Therefore, we must depend primarily on increased production per unit to reach our goals."

While this would indicate the need for further increases in farm mechanization during the coming year, the secretary points out that production of new farm equipment has been declining since mid-1951, and that allotments of raw materials to the industry for the first three months of 1952 will restrict production to less than the desired rate.

"Under these circumstances, repair and maintenance of existing farm equipment will be of even greater importance this

The extra dividend

For the past four years we have bred yearling bulls to yearling heifers with good success. We have watched these cattle carefully and find that they are growing as well as when bred as two-year-olds. There has been no let-down in production in their second year.

The only "extra" these yearling cattle get is about two pounds of a range cube per day for 60-90 days before their first breeding season.

Put them on pasture . . . they'll do the rest



(Unretouched photo of a four-year-old dry cow)

M-R BEEFMASTER yearling bulls for sale;
immediate delivery at \$400 apiece.

MILLER RANCH

M-R Beefmasters
HEREFORD - SHORTHORN - BRAHMA BLEND

Falfurrias, Texas

Our Beefmaster breeding was purchased from the original Lasater Beefmaster herds now located at Falfurrias, Texas, and Matheson, Colorado



HILL POLLED HEREFORD RANCH

FAIRFIELD, TEXAS

Dec. 21, 1951

Dr. J. B. Johnston,
Bewley Mills,
Ft. Worth, Texas.

Dear Sir:

At the NATIONAL POLLED HEREFORD SHOW at Louisville, Ky. last month one of the steers bred by us was CHAMPION. This is twice that a steer we had bred was CHAMPION at the NATIONAL SHOW since the steer show was begun in 1949. Both steers were fed and shown by Dickie Hill as a LR Club project, and were both fed SEWLEY'S ANCHOR FEEDING RATION.

We have been feeding BEWLEY'S ANCHOR FITTING RATION to our cattle in the show herd for about three years and after seeing the improvement made on the finish of the show herd we have now set up a program to feed our calves grain and BEWLEY'S ANCHOR Calf Starter Chunks and the calves we have weaned since we started this have more finish than ever before.

We appreciate very much the personal assistance you given us in working out our feeding problem.

kindest regards

HILL POLLED

7 R Hill
P. R. HILL



FOR A FEEDING JOB THAT REQUIRES SOMETHING MORE THAN THE FEEDS YOU ARE USING—CHANGE TO BEWLEY'S ANCHOR FITTING RATION.

BEWLEY MILLS • Fort Worth, Texas



More-and More-and MORE RANCHERS USE COOPER-TOX

In 1948
7,000,000

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1950

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14,250,000

cattle, sheep and goats
dipped or sprayed with

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*CONTAINS TOXAPHENE

*Toxaphene is now recommended as a spray by the U.S. Department of Agriculture for the control of ticks, lice, horn flies, and sheep ticks on all livestock, except dairy cows.

Kills
Ticks, Lice,
Horn Flies at
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Against Ticks, Lice,
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ECONOMICAL DILUTION: 1 to 150 GALLONS KILLS TICKS and prevents reinfestation up to 2 to 3 weeks.

KILLS HORN FLIES and prevents reinfestation up to at least 3 weeks.

KILLS LICE and remains effective to kill young lice hatching from eggs (nits) on animals.

REDUCES SCREW WORM REINFESTATION.

**Get COOPER-TOX
For Surest Results!
Economy!**

Only COOPER-TOX Dip or Spray can guarantee best protection at the lowest cost per animal. Thousands of cattlemen — more and more every day — are switching to COOPER-TOX because of its amazing effectiveness and economy. COOPER-TOX is easy to use, mixes readily with water, has no bad odor . . . positive in action. Sure of results. Ask your dealer for COOPER-TOX.



NOW AT YOUR DEALER

MANUFACTURED BY
**WILLIAM COOPER
& NEPHEWS, INC.**

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year, particularly in view of uncertainties in the production of items containing steel," the secretary said.

In his letters to the farm equipment industry, the secretary explained that the comprehensive survey conducted by the department last spring indicated that farmers would require during 1951 approximately 20 per cent more repair parts than they received in 1949.

"We believe that this percentage (20 per cent above 1949 shipments) should be considered a minimum requirement for 1952," he said. With limited materials allotment, most manufacturers will find it necessary to earmark a much greater than normal proportion of their materials for the production of repair parts if requirements are to be fully met."

In commenting on the crop year just ended, Brannan commended the farm equipment industry for doing "an outstanding job of providing to farmers the services they need to accomplish the all-out food and fiber production being asked of them."

State and county Agricultural Mobilization Committees will spearhead the department's repair and maintenance program.

Price Controls Major Business Problem

PRIce controls in the livestock and meat industry were termed a "major business problem" by John Holmes, president of Swift & Company, in his address to shareholders at their 67th annual meeting.

"At the present time prices, particularly pork prices, are lower because more meat is available," Holmes declared. "More livestock is coming to market as it always does during this season of the year. As a consequence, we have not been so greatly harassed by price ceilings. However, arbitrary government price controls are still for us an important fact of life."

"Our experience during the hectic days of OPA and during much of 1951 with OPS clearly demonstrates one thing. The greatest benefits of price control go to unscrupulous violators who cash in on the black market. The livestock producer gets confused and discouraged; the consumer gets little, or at best temporary, price relief; the law-abiding meat packer suffers a profit squeeze, loses volume, and is unable to carry on his business efficiently; distribution patterns are upset; employees of established packers lose earnings through lay-offs."

"There are many disadvantages in attempting to stabilize prices by establishing price ceilings," Holmes warned. "This kind of stabilization doesn't produce more meat. Nor does it move meat into markets where it is needed. It doesn't even guarantee that consumers can buy meat at ceiling prices."

"Price controls reduce the flexibility of our productive system. An economy made rigid by fixed price ceilings cannot adjust itself to the changes that are constantly taking place, in a progressive nation."

The Swift president reviewed the complex controls as they have affected the beef business. Cattle slaughter in some weeks, he reported, was cut to less than half of the previous year. Complexity of the regulations made it easy for unscrupulous operators to circumvent the law.

"We are greatly concerned with the policy of OPS in following the downward trend of prices with new and lower ceiling prices, as was done recently in the case of hides, glycerine, wool, tallow and soap," Holmes said. "There were hints of this in the pork ceiling order issued last fall, even though hog prices were then below parity levels. Coming at a time when hog producers were planning their 1952 pig crop, even the suggestion was depressing."

"Disrupted, abnormal markets can be expected under price controls. Fixed ceilings, with no allowance for seasonal variations in prices, take away the normal incentive for producers to time their marketings in a manner that tends to even out the flow of meat from ranches and farms to consumers."

Just a few weeks ago the U. S. Department of Agriculture predicted a nine per cent reduction in the 1952 spring pig crop.

"I suspect," Holmes said, "that this reflects, to a degree at least, the discouragement brought about by restrictive regulations."

The cost of providing OPS with detailed reports and clerical and accounting procedures involved in computing and recomputing ceiling prices amounts to hundreds of thousands of dollars to Swift & Company.

"The tremendous cost, in money and manpower, of the price control program to business and industry, and to the taxpayers is appalling," the Swift president declared.

"We can't cure inflation by trying to peg prices with ceiling orders," Holmes emphasized. "High prices are not the cause of inflation. They are the end result. If we do something effective to prevent an oversupply of money and credit, and some headway has been made on this, those unimpeachable factors of supply and demand—operating in a free market—will take care of prices."



SHORTHORNS

... and ...

POLLED SHORTHORNS

make **BEEF f-a-s-t-e-r**
with grass ... grain and
forage crops



RANCHER

Natural grazers, SHORTHORNS and POLLED SHORTHORNS do well on the range; withstand all climatic conditions; reproduce well and make profitable gains!

Demand for replacement calves and yearlings, as well as feeders is unsurpassed. Recently, two world's record prices and record averages were set by the breed at auction and on the market. Experience and controlled experiments prove cross-bred calves from a SHORTHORN bull weighed 50 lbs. more at ten months, much greater weight for calves at any age, and ten per cent greater calf crops.



FEEDER

Their easy fleshing qualities make SHORTHORNS and POLLED SHORTHORNS favorites to go on grass and into feedlots. Feeders report gains of 2½, 3 and more pounds per day.

In Purina Research Farm tests SHORTHORNS gained an average of one-fourth pound more per day. This means nearly 100 lbs. added weight in a year of feeding—more dollars at the market for the feeder. Weight-for-age and rate of gain are traits in which the breed is unsurpassed.

SHORTHORN steers were three times grand champions at the International in past seven years and reserve grand champion in 1951. Champion yearling steers over all breeds at six out of all seven Chicago Feeder Shows were Colorado range-bred SHORTHORNS.



PACKER

Because SHORTHORNS and POLLED SHORTHORNS dress well, they meet with ready packer acceptance. In the International Carlot shows for the past five years, SHORTHORNS dressed an average of 64.61 per cent, ranking second among the popular beef breeds. Modern beef-type SHORTHORNS and POLLED SHORTHORNS are finishers as well as improvers, putting on flesh evenly to grade choice to prime, with profit to the feeder and packer.

ON RANGE or in the feedlot, SHORTHORNS and POLLED SHORTHORNS are practical, built-for-profit cattle. Their outstanding attributes of scale, weight for age and wide adaptability, combined with economical first cost, make them the logical choice for safe and profitable livestock investment.

They thrive under the feed, forage and climatic conditions of every livestock section of the country. For purebred breeding, for feeding, for sires in range and farm herd improvement and for cross-breeding, they fill the most exacting needs.

More Profit from SHORTHORN Vigor

They produce good calf crops that grow fast to weaning age, and, through the vigor of SHORTHORN blood, quickly convert grass, roughage and grain into high dressing carcasses of quality beef that meets with ready packer acceptance.

Rugged, quiet and easy-handling, SHORTHORNS and POLLED SHORTHORNS delight the eye. Pride of ownership is just one of the many fine satisfactions that go along with SHORTHORNS.

Aggressive promotion by the national association,

its field representatives, the district and local associations and breeder members from coast to coast, assure continued growth and popularity for America's oldest breed of cattle.

Select SHORTHORNS and POLLED SHORTHORNS for Solid Success—THE BREED THAT'S BEST IN EVERY "WEIGH."

A Record Increase!

**SHORTHORN
REGISTRATIONS
GAIN**



Increased registrations, transfers, and new memberships reflect the fast growing demand for SHORTHORNS and POLLED SHORTHORNS.

American Shorthorn Breeders' Assn.

Union Stock Yards

Chicago 9, Illinois



TR ZATO HEIR 40th



TR ZATO HEIR 86th



TR ZATO HEIRESS 70th

AT DENVER

Our offering of 3 Head sold as follows:

★ **TR Zato Heir 40th at \$35,000**

CK Ranch of Brookville, Kansas, was the buyer of TR Zato Heir 40th. This senior yearling bull won first prize in his class at the Denver Show and was Reserve Champion bull at Phoenix.

Our Thanks to CK Ranch and unsuccessful bidders

★ **TR Zato Heir 86th at \$15,000**

Adams Hereford Ranch of Chico, California, purchased TR Zato Heir 86th. This senior bull calf stood second in his class at the Denver Show.

Our Thanks to Adams Hereford Ranch and all bidders

★ **TR Zato Heiress 70th at \$4,000**

TR Zato Heiress 70th sold to Tom Allington and Son of Sunol, Nebraska. This good daughter of TR Zato Heir was the top selling female of the Denver Sale.

Our Thanks to Tom Allington and Son and other bidders

Our Denver winnings other than those listed above . . .

First senior yearling bull
Second and third senior bull calves
Second 3 bulls
Second 2 bulls
First senior yearling heifer
Second get-of-sire by TR Zato Heir
Third junior get-of-sire by TR Zato Heir

NATURAL
Fleshing Quality
HEREFORDS

**"TURN TO"
TURNERS**



ENTRANCE TO RANCH - 7 MILES EAST AND 1 MILE NORTH OF SULPHUR - STATE HWYS 7 & 12

TURNER RANCH - SULPHUR, OKLAHOMA

Roy J. Turner • Jim McClelland • Roland Jack • John Blenkin • Tom Harris, Show Cattle

Big Hearted "Mr. Al" Favorite Victoria Son

By MARY WHATLEY CLARKE



Al McFaddin

J. A. McFADDIN and his son, Al, who was the tenth president of the Texas and Southwestern Cattle Raisers Association, were among the pioneer ranchmen who made the Victoria country famous as the cattle center of Texas. Here they and other early-day settlers made their homes for generations, improved their herds and their ranches and took the lead in all phases of their country's development. The McFaddins, father and son, were among the first cowmen in Texas to experiment with, and to believe in Brahman cattle.

Many of these old timers secured their first land grants for service in the Texas War of Independence, and added to them by hard work and determination. These original holdings were increased by succeeding generations. As a consequence Victoria's leading citizens today are the descendants of those intrepid pioneers and you could not pull them away from their beloved coastal country. The fine climate, abundant rainfall and lush grasses that first enticed their forebears to establish ranches in this area, still serve as the magnets that tie them to this section of Texas.

Victoria is indeed a historic city. In 1824 Martin de Leon, native of Burgos, Tamaulipas, Mexico, received permission from the Mexican government to establish a colony of forty-one families on the Guadalupe River where Victoria now stands. De Leon wanted to call the settlement "Our Lady of Guadalupe de Jesus." When the petition was granted by Mexico's provincial delegate, the name "Nuestra Señora de Guadalupe de Jesus Victoria" was designated. Thus the town was christened and its first building, naturally enough, was a temporary Catholic chapel. During the Mexican reign the village was called Guadalupe de Victoria. The name was shortened through the years to Victoria.

"The intervening one hundred and twenty-seven years have seen Victoria very much in the Texas picture," says Texas Parade in the July, 1951, issue.

"Residents of Victoria, city and county, have enjoyed life, liberty and the pursuit of happiness as much or more than any group in the world. There has not been a tropical isle existence where food fell from trees. Victorians for generations have worked and fought, and, at times, have died, for the way of life they elected to follow. Victorians prepared a broad base for their own way of living and those who followed have built upon it wisely and consistently."

The James McFaddin family first came to Texas from Tennessee in 1817 and settled in Jefferson County. Their son, William, grew to manhood in Texas and both he and his father were soldiers in the Texas army in the war of Independence between Texas and Mexico. James Alfred, oldest son of William, who was later to settle in Victoria County, was born May 5, 1840, at Beaumont. He received his schooling in that city and finished his education at a private school in Galveston. When fifteen years of age he was doing a man's work. In 1855 he helped to drive a herd of 400 cattle, jointly owned by his father and a Mr. Herbert, from Jefferson County to Refugio County. In 1858 he was in charge of a second herd of 600 cattle that were driven over the same trail. At sixteen he personally owned 50 head of cattle and 25 horses, the beginning of a cattle empire which he eventually built before his death.

J. A. married Miss Margaret V. Coward of Galveston County in 1861, and the young couple made their wedding journey to Louisiana by horseback. Their first home was on Melone Creek, three miles from Refugio, and their household goods were freighted in by prairie schooner.

In 1863 J. A. joined the Confederate Army as First Lieutenant in Captain Dan Dougherty's company, where he served until the end of the conflict. Al, his oldest child, was born August 7, 1863, in Galveston County, when his father was away in the service. The soldier did not see the boy until six months later. After the

war, J. A. returned to the home of his father-in-law, Dr. Richard Coward of Galveston, and took his wife and little son to their home on Melone Creek where he again resumed the management of his ranch.

Because McFaddin was looked upon as one of the leading citizens of his state, greatly loved, respected and trusted by his neighbors, he was called upon for many favors. He not only managed his own properties, but advised others in business ventures—ventures that brought his friends and himself worthwhile returns.

He was a one-man bank during the years of 1867 to 1874, and had literally thousands of dollars in his keeping. "He filled every safe in the town of Refugio with silver, had several boxes full of it in Mr. McCampbell's store, had his own safe so full that not another fifty-cent piece could be put in it, and had two nail kegs full of silver in his room. During this period he was away from home frequently and often his wife was alone with the servants. "The people of that section had such a love for J. A. and his good wife that no one ever attempted to steal a cent of the money. His possessions and the possessions of others in his charge were regarded as sacred, for the people loved the McFaddins," says a story about Mr. McFaddin in "The Trail Drivers of Texas."

McFaddin sold his property in Refugio County in 1876 and moved to the southern part of Victoria County, living on the ranch for several years before moving to the city of Victoria.

During these early years young Al made a hand on the ranch and learned the business from his father. He helped look after the cattle, built fences and was an all-around cowboy. He admitted that he built the first barbed wire fence in Victoria County. He started in the cow business for himself on \$180 which he had carefully saved bit by bit from his \$25 a month wage. He wanted to get

(Continued on Page 36)

Shorthorns Are on the March

By REX A. THOMAS,
American Shorthorn Breeders Association

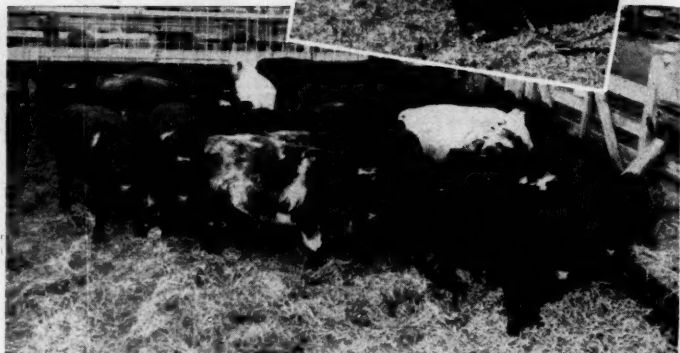
SHORTHORN cattle, predominant beef breed in the United States some years ago, and whose great adaptability to all conditions of all regions has made them popular the world over, are showing a rapid comeback in this country as judged by increases in registrations and transfers during the past year.

The reasons for this are simple enough. The modern beef type of Shorthorn not only can produce a steer as good as the best, but can do it in equal if not less time. The modern beef type has been superimposed on the old and recognized superior attributes of the breed: superior milking capacity, easy handling dispositions, heavy weights at birth and fast gains. Six out of seven Chicago Feeder Show champion yearling steers and any examination of the weight-for-age factor in any individual steer, or fat or feeder carlot shows in the country will nearly always reveal that Shorthorn cattle can out-perform.

And if there are any doubts that the Shorthorn will not make a high-dressing carcass, it can be pointed out that they have ranked high in International carlot competitions. The champion Shorthorn steer at the last American Royal Show dressed at 71 per cent to establish a packing house record for Swift & Company's Kansas City plant. It was higher than any grand champion at the International in its 52 years. Shorthorns have been found to cross satisfactorily with the Brahman to create the Santa Gertrudis breed of cattle, which is five-eighths Shorthorn, and Santa Gertrudis cattle will dress out as high as 72 per cent.

American Shorthorn and Polled Shorthorn cattle (the latter a naturally hornless variety developed in the United States shortly after the Civil War) trace their origin to the land adjacent to the British River Tees and the subsequent further development of marked beef characteristics in the hands of canny and hardy Scotch breeders in both Great Britain and America. The breed holds the distinction of having the first continuous registration of purebred livestock in the world. The Coates Herd Book of Great Britain, founded in 1822, and the American Herd Book in 1842, paved the way for all pedigreed animals.

In the early times the Shorthorn was used extensively in the development of other breeds. He was used to improve the early day western herds in this country, and many large commercial herds



Inset—A unique view showing several points of good Shorthorn beef conformation. "Formation," reserve grand champion steer at the 1951 International Live Stock Exposition, fed and fitted by the University of Idaho, Moscow. Above—Josef Winkler's Chicago Feeder Show loads of yearlings are always top performers of weight-for-age superiority in Shorthorns. This was the 1951 load, the sixth champion yearlings he has shown in all seven Chicago shows. They averaged 637 pounds and sold for \$50 per cwt. to Dale Wetzel of Ithaca, Mich.

can credit the Shorthorn in great measure for the ruggedness and scale that fit them for the tough conditions of the range.

The past year, which was marked with the greatest prosperity ever enjoyed by purebred and commercial breeders, presaged the great future that exists in this country for Shorthorn and Polled Shorthorn herds. In truth, it can be said that the only problem besetting breeders at the present time is that they cannot possibly produce cattle fast enough to fill the demand.

On the commercial basis in particular, the breed cannot adequately fill the demand for them to go into feedlots. The year was outstanding in setting world's record prices for commercial breeding females to go back to the range to produce more calves, and steer calves also established new highs. Every major purebred sale of the year had top buyers and bidders among commercial cattlemen, indicating a widening demand for good breeding bulls and foundation females in commercial production.

Largest percentage increase in registrations among the major beef breeds in 1951 were recorded by Shorthorns and

Polled Shorthorns. This was a practical 30 per cent increase over 1950, highest ever recorded for the breed. The year's total was 62,616, of which 15,780 were for Polled Shorthorns. The 36,337 transfers represented a 19 per cent increase over 1950. Of the latter, 8,959 were for polled animals.

The year was marked with increased prices for purebreds at auction. The average of \$539 was 26½ per cent greater than the previous year. Applied to all transfers for the year, this meant a total of \$19,585,643 paid to association members.

The year 1951 was a pacemaker almost from beginning to end. It began with making a near clean sweep of the National Western show in Denver and climaxed with a reserve champion steer and record-smashing sales at the International Live Stock Exposition in Chicago.

At the Denver show, Josef Winkler, Castle Rock, Colo., had the purple-winning load of feeder calves for the second year in a row. The grand champion steer was shown by Cornelius Wolf, Remsen, Iowa. The reserve champion load of fat Shorthorn cattle, exhibited by

Phyllis Fiebig, Fort Morgan, Colo., out-dressed the grand champion load.

Purebred sales were at record levels all during the year, the most outstanding of which was the L. E. Mathers & Son herd sale at Mason City, Ill., where the bulls averaged \$4,464 and the females \$1,955. A white bull calf sold at \$16,500 to John Alexander of Aurora, Ill.—a modern times record for the breed.

Both Shorthorns and Polled Shorthorns set records for International Sales at the 1951 show. The top Shorthorn bull sold for \$10,000, highest price paid at any International sale. The Polled Shorthorn sale was the highest consignment sale for the breed ever held with an average of \$1,085. The top buyer was an Australian. At the Polled Shorthorn Congress sale in Springfield, Ill., in the spring, Australians were prominent among the buyers.

Sixty-one bulls set a record average of \$1,087 at the Red Bluff, Calif., range bull sale on February 9. Ninety per cent of the bidding and buying came from commercial range herd owners, the large majority of bulls going into cross-breeding. Buyers expressed their need for more weight in calf crops and the desire for more scale and capacity plus additional milk in the females resulting from these crosses.

Probably arousing more interest during the year than anything in the purebred business was the Range Bull Project which the association sponsored in Broken Bow, Neb. More than 100 bulls were consigned by Midwest breeders for conditioning on the simulated range country during early June. Weights were taken at intervals to determine the rates of gain for buyers at the show and sale Oct. 19 and 20. Bidders came from 20 states to purchase bulls, many wanting carloads. Many prospective buyers went away without purchases and it was felt that 50 more high-quality consignments would have found eager bidding. The top bull brought \$1,500. Remarkable gains were recorded for the bulls off their grass and short grain ration (ten pounds daily)—an average of two pounds daily, and one bull was put on 3.75 pounds per day.

Range bull projects for 1952 have been approved for both the West and South.

Association officials believe that in the next few years, Shorthorn and Polled Shorthorn bulls will become increasingly popular in the big herds of range country and the South.

Champion Shorthorns of 1951 International Live Stock Exposition, shown by Hugh Morris, Ainsworth, Iowa. They attracted wide interest as the best load of Shorthorn steers ever produced.



Grand champion load of feeder calves at the 1951 National Western Livestock show, owned by Josef Winkler, Castle Rock, Colo. This was the second carload feeder championship in a row for Winkler.

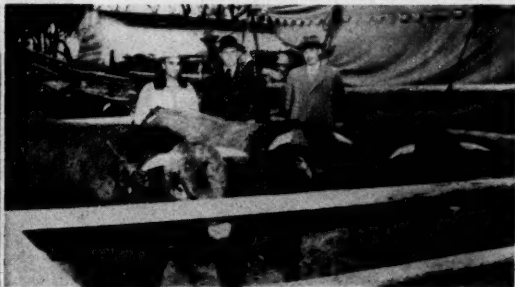
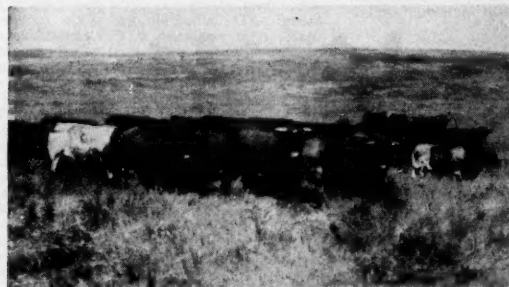


The phenomenal gains of the breed in cross-breeding have a sound basis of reason: commercial breeders are finding that, over and above the hybrid vigor resulting from crosses, that the Shorthorn strain will add more pounds. This is because Shorthorns are unequaled in engendering fast weight gains and weight-for-age characteristics in progeny. Nobody argues this point. At the same time, these traits have been determined as the most inheritable of all in bulls—ranging up to 99 per cent. In contrast, conformation has a low heritability of around 30 per cent. This means that cattlemen who want to engender type that will produce higher dressing, higher grading carcasses in cross breeding, will not get much from bulls. But if they want greater weight gains in calf crops, they will do best by selecting Shorthorn bulls.

Clinton K. Tomson, who has resigned his position as secretary of the American Shorthorn Breeders' Association after

nine years in which he was the "power-house" in bringing the breed back on the comeback trail, said in summarizing 1951 as the greatest year the breed has ever had: "These triumphs do not come by accident and only by forward thinking, backed by positive action, can we hope to duplicate these outstanding successes. Let's keep Shorthorns and Polled Shorthorns marching."

Allen C. Atlason, who in his tenure as farm manager of Edellyn Farm, Thomas E. Wilson's great herd of Shorthorn cattle in Illinois, as well as the other breeding and feeding operations belonging to Wilson, has become known far and wide as a forward-looking and aggressive exponent of Shorthorn breed promotion. He was selected as new secretary among the field as a man who can keep Shorthorns and Polled Shorthorns marching. In his new position, he may certainly see the breed make definite strides on its course back to number one position among the beef breeds of this country.



Left—Drove of Shorthorn bulls foraging on the range near Broken Bow, Neb. They are part of the Shorthorn Range Bull Project of 102 bulls undergoing summer and early fall conditioning before being judged in groups and auctioned to western producers next October 19 and 20. This unique project is sponsored by the American Shorthorn Breeders' Association.

Right—Top pen of bulls at the Range Bull Project show and sale in Nebraska last October, shown by Whitaker Bros. of Illinois. Shown in center is Clinton K. Tomson, who as secretary of the American Shorthorn Breeders Association, supervised the project. The bull on the left topped the sale at \$1,500.

The Last Chief of the Comanches

By JOE CUNNINGHAM

I HAVE recently followed some of the dimming trails of Quanah Parker, last chief of the Comanches. Vagrant bits of information concerning him had come to me in many parts of Texas and Oklahoma and I was anxious to piece together the story of this ruthless terror of the plains who, nevertheless, had finished his days unmolested and in regal splendor, surrounded by a houseful of wives and countless children.

This is the story. But, contrary to expectations, instead of a defiant, unregenerate savage, I have encountered a brave and intelligent warrior, a statesman, and a first-class cattleman.

It has not been difficult to visualize the young Quanah back in the early days at Medicine River, nor to understand his smoldering hatred of the palefaces. He had come to regard the white man as his natural enemy. Even his mother, who was a white woman with not a drop of Indian blood in her veins, was a Comanche at heart and a stranger to her own people. As a child she had been captured by the Indians in a raid on Fort Parker, down in Texas. Her name was Cynthia Ann Parker. She grew up with the marauding tribe and became the wife of Peta Nocona, one of the most savage of the Comanche leaders.

The powwow at Medicine River, in Kansas, had been called to discuss a permanent peace between the Indians and the palefaces. But Quanah was only a young buck who had been brought along to kill buffaloes to supply the campers with food. He had understood, vaguely, that the tribes were gathering here to meet the white man, but he assumed, as a matter of course, that there was to be a heap-big battle in which even a buffalo butcher might be allowed to participate. He looked forward with serene pleasure to acquiring a few fresh scalps for his lance and to hang in his belt. These would enable him to demonstrate to the young squaws, like the dark-eyed To-ha-yea, the Apache, that he was quite a man himself and as brave as some of the older warriors who strutted about her.

The white men, some of them in stove-

pipe hats and long coats, and others in the uniform of the United States cavalry, made camp close by. This was very bewildering to Quanah; it was not necessary to set up tents in order to fight. In his own explosive opinion it was time for somebody to start something, and since no one had, he viewed the whole proceedings with dismay.

He recalled the last time that he had seen his mother. This had been in the Pease River Valley, near the location of the present town of Crowell, Texas. Here Peta Nocona and his band had been camped when the Texas Rangers, sent out by Governor Sam Houston, came upon them. When the smoke and dust had cleared away, so had Peta Nocona and his two half-grown sons. Cynthia Ann and the infant daughter, Prairie Flower, were captured.

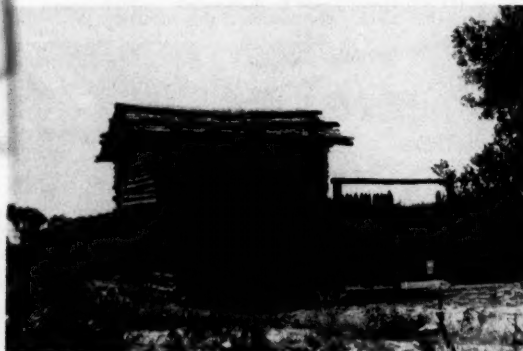
A short time thereafter Peta Nocona was killed in another skirmish with the palefaces. Quanah's brother died, and on the breath of the whispering winds the news came to Quanah that little Prairie Flower had wilted away under the oppressions of a civilized existence. Cynthia Ann survived, an unwilling captive of her own people.

In an effort to understand the things that were going on at Medicine River, Quanah wedged in closer at the councils of the old men. He was astonished to learn that his leaders were planning to make peace with the white man. To make matters worse, old Kicking Bird, one of the chiefs, showed up with a tall, stovepipe hat one of the frocktailed palefaces had given him. Kicking Bird had fancied up the original design of the hat by tying some wide, red ribbons around it which trailed down his back in fluttering streamers that almost touched the ground. Quanah was sure that the limits of Indian degeneration had been reached. To his utter disgust, the treaty was eventually signed.

Most of the tribes reported in due season to the agents of the respective reservations where they were to be settled down under the terms of the agreement. The headquarters of the agency for the Comanches was at Fort Sill. But Quanah



Quanah Parker, Chief of the Comanches, on parade.



Left—Fort Parker (restored) in Limestone County, Texas, scene of the massacre of 1836 and the capture of Cynthia Ann Parker. Right—Chief Quanah Parker (kneeling) in civilian clothes, at the time of the wolf hunt in 1906 with President Theodore Roosevelt and others. Standing next to Quanah is Jack Abernathy and at the president's right is the famous Texan, Burk Burnett.

Parker had formed a renegade band. It did not report to Fort Sill. With Quanah at its head, these recalcitrants rode out to the unfenced plains.

The name "Quanah" means fragrant, but the settlers soon thought of him in quite different terms. His raids were ruthless, his cruelties unsurpassed. His lance and his belt were heavy with scalps and his stock of captured arms and gunpowder steadily increased, as did his stock of stolen horses. Horses were especially important, for there was a price on Quanah's head and an outlaw band such as his must be a very mobile unit.

For a time, Quanah and his followers led an invulnerable existence. To his own warcraft Quanah added the extra precaution of following the advice of Esa-tai, the ace of the Comanche medicine men. Old Esa-tai could, by cooking up something smelly and sniffing it in a trance-like way, tell exactly when the rain would come, when the sun or the moon would shine, and what success, if any, would attend the next raid.

Somehow, though, the secret of a planned attack on the settlement at Adobe Walls Creek seeped through to the palefaces, and they were waiting for the raiders when they came.

Quanah's men rode around and around the stockade, letting out the throaty, gurgling yells that had chilled the hearts of doomed palefaces back over the long, bloody years, even before Quanah was born, even before the massacre at Fort Parker and the capture of Cynthia Ann.

The attacking braves were trained to move in gradually, to tighten the revolving circle as they picked off, one by one, the defenders of a fort who carelessly put an eye to a porthole or raised a head over the stockade. But something was going wrong now. With deadly regularity there would be a puff of smoke from the stockade and with each little cloud one of Quanah's men would drop from his horse.

For once, the magic of Esa-tai would not jell. Even the medicine man's own pony, grotesquely painted to spirit the bullets away, was shot from under him, and, in no time at all, there were more riderless horses chasing their tails around the stockade than there were attackers left to ride them. What the stunned Quanah did not know was that the defenders of the fort were using long-range rifles equipped with telescope sights. But, one thing was very clear—it was high time he and his men were getting away from there.

They took refuge in the distant reaches of the plains. Here they could play hide-and-seek with the white man. But not so with the elements. The great drouth came. The medicine men abandoned the evil-smelling potions and resorted to more drastic methods—they waved cowtails at the relentless sun and chanted for rain. But it did no good. The grasses dried up. The horses were starving. The few cattle were soon slaughtered for food and the buffaloes had deserted the plains for the valleys. It would mean entrapment by the palefaces for the Indians to follow them. Soon the fuel—the dried buffalo chips, sun-baked on the scorching prairies—was gone. But it did not matter so very much, for tomorrow there would be nothing left to cook.

Quanah's pallet of buffalo hides was upon the hard, parched ground. All night he lay awake, staring vainly into the moistless sky for some promise of rain.

Surrender was foreign to every atom of his being, to all that Peta Nocona had taught him, to the vows that he had

made at Medicine River. Better that the son of Peta Nocona join the father in the Great Beyond than to surrender to the white man: his hand sought the sharp knife that was sheathed in his belt.

Then he remembered. He was no longer the young buffalo hunter of Medicine River. He was the leader, now. But only a man leader—he was not the *Chart-a-Swan*, the Good Spirit. The lives of other men did not belong to him.

With the opening of day, his decision was made. He gave the order to break camp. Then, with heavy heart, he led the tattered remnants of his band into Fort Sill. For his people, even the revolting salt-pork and the white, effeminate flour of the palefaces would be better than nothing at all.

For a time, after his return to the reservation, Quanah was, quite naturally, under a cloud. The authorities were convinced that, for the present, he intended to behave himself, but they knew that he was still capable of colossal impulses and that he possessed the fortitude and the cunning to carry them out. The problem was, would he change his mind every time he heard a coyote baying at the moon?

Part of the Indian lands were being used by Texas cattlemen who sent their herds over Red River to graze. The agents had arranged for this pasturage to be paid for in cattle, the cattle to be distributed among the Indians. As Quanah's intelligence and qualities of leadership became apparent to the authorities he was often delegated to go down across Red River to receive some of the "pay" cattle. In this way he met Burk Burnett, owner of the famous Four Sixes Ranch, and his son, Tom Burnett, as well as Dan Waggoner, the owner of the "Big D" and other cattle barons. All were hardy men of inflexible character and of rugged, expansive minds, to whom smallness and weakness and lack of dependability were the cardinal sins. In Quanah they found a kindred soul and took him to their hearts. Nothing delighted them more than to have Quanah come to Fort Worth for a visit during the Stock Show or to join them in other gala events.

When the venerable Moh-way, long the Comanche chief, abdicated because of old age, Quanah Parker, though not first in seniority, was the unquestioned choice as the new Chief of the Comanches. His influence extended quickly to the Kiowas and the Apaches as well and in time he was looked to as a sort of emperor of all the central tribes.

The onetime lawless savage became

Presiding Judge of the Court of Indian Offenses as set up by the government upon the Indian lands. In this office he distinguished himself by his Solomon-like decisions. Also, like Solomon, and as befitted his imperial dignity, Quanah began to acquire some additional wives. As his household grew, he perceived the need of a larger house.

The result was remarkable. A large, square structure rose from the red soil, two-storied and with a gallery around three sides of it. A one-story wing extended from the fourth side. There were about a dozen rooms in all. Each wife had her own room. The house was painted white and two enormous white stars were painted on the red roof.

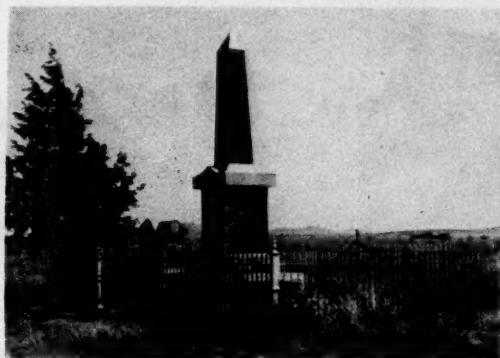
Back in his wilder days, Quanah had married the adored To-ha-yea, the Apache. His second wife was Wa-Ke-i, the daughter of Yellow Bear. In all he had eight wives, though perhaps six or seven were the maximum who lived with him at any one time. One of his favorites, Too-Nicey, was childless, but the others presented the Chief with an imposing aggregate of children, in addition to which Quanah adopted a homeless white boy who grew to manhood with the Chief's own sons and daughters.

On one of Quanah's many trips to Fort Worth, Yellow Bear accompanied him. The two braves checked in at the old Pickwick Hotel in Fort Worth. Yellow Bear was the last to retire. He had seen the kerosene lamps of the white man and could only assume that the hissing stuff that made light in his room was of the same nature. He looked over the contraption speculatively and, without bothering to awaken the sleeping Quanah for instructions, Yellow Bear extinguished the light by blowing it out. In the morning, because the Indian visitors had not aroused, the room was broken into. Yellow Bear was dead. They managed to revive Quanah, who, in due time, returned with heavy heart to the reservation with the mortal remains of his erring relative.

Quanah had an important part in the leasing of the grass lands of the Indians for real money instead of the indefinite and mutually unsatisfactory rate of pay in cattle, with the bringing in of the railroads that cut across the Big Pasture, in detaining the lands of the Indians before the opening of the Territory to the homesteaders, and in the adjustment of the countless problems that arose in the relations of the Indians to the State and Federal governments upon the admission of Oklahoma to statehood.

Two years after the Battle of San
(Continued on Page 51)

Monument at Post Oak Cemetery near Cache, Okla., erected by the Congress of the United States to the memory of Quanah Parker. Beside Quanah's grave is the final resting place of Cynthia Ann Parker, whose body was brought from the lonely white men's cemetery in Texas to "the land of the red people."



BRANGUS CATTLE

By C. FAYE BENNETT



Registered Brahman bull with registered Aberdeen-Angus cows on Clear Creek Ranch, near Welch, Oklahoma.

THE American Brangus Breeders Association presented its first class of registered cattle in the show ring at the San Antonio Livestock Exposition in February, 1950. The first National Brangus sale has been set for February 21, 1952, in conjunction with the Brangus show at the San Antonio exposition. The large, black polled animals show, not only the outstanding size and survival qualities of their $3/8$ Brahman blood and the decided beef qualities of their $5/8$ Aberdeen-Angus blood, but the accent is on much that is decidedly their own.

Brangus cattle are uniformly black. Their hair is fine and short and sleek. Their dressing percentage is good and they are heavy. The sweepstakes champion heifer, owned by Clear Creek Ranches, weighed 1,800 pounds at three and one-half years. Her heifer calf, which was sired by a Brangus bull, shows the same straight, long and broad top-lines. Though the breed is still in its infancy, Brangus bred to Brangus have reproduced their kind.

By combining the best stock of two breeds the net result, as it appears in the top winning prize cattle, is: a large, well

fleshed, long bodied animal with rounded hind quarters and a wide, deep body.

On the Brahman side of their history the emphasis is on an amazing record of survival for more than 4,000 years under the most adverse conditions of climate and disease, with very little help from man. There is the outstanding record of their improvability in America where breeding conditions have been favorable. The long-legged, rafter hipped animals from India have put on broad, beef type backs and loins under improved systems of breeding. Their performance in the show ring is admirable and their top winning record is known to cattlemen throughout the nation. Brahmans have been crossed, back-crossed and double-crossed with all breeds of cattle. The economic value of such crosses has been repeatedly tested and tried in government experiment stations as well as in private herds.

On the Aberdeen-Angus side of the Brangus there is a continuous record of honor in national as well as international show rings. From its beginning until the present day, the Aberdeen-Angus is noted for its rich, finely marbled beef qualities, a well developed back and hind quar-

ters, a low-set body and good fleshing qualities. There is documentary evidence of polled, black cattle in Scotland as early as 1523. Aberdeen-Angus cattle were imported to America by George Grant of Victoria, Kansas, and made their first appearance in the show ring at the International Livestock Exposition in 1900. They have continued to rate repeated honors and a growing appreciation of their kind among breeders generally.

Raymond Pope and Frank Buttram, co-partners, founders of the Brangus breed of Clear Creek Ranches, and the members of the American Brangus Breeders Association believe they have added a great deal of profit to their herds by combining the proven points of both breeds.

Brangus cattle seem to be unusually resistant to pink eye, cancer eye and other eye disorders. They are polled. They have sweat glands, which is an endowment from the Brahmans, the only breed of cattle in the world with the ability to perspire. Because of this natural cooling system, heat does not bother them. Flies, mosquitoes, screw worms and other insect pests present the minimum degree of annoyance to the Brangus. Bran-

Left—Coming two-year-old half-blood heifers averaging 1,150 pounds. These heifers were bred to quarter-blood bull and will produce Brangus calves before they are two years old. Right—A pair of 1951 registered Brangus calves. Note size of bone and beefy, compact bodies. They are three-eighths Brahman and five-eighths Angus.



gus cattle have proved their hardiness, disease resistance, heat tolerance and general survival in northern states as well as in the South. Brangus breeders in the process of developing their herds in Canada, Wyoming, Nebraska, Montana, Colorado and Oklahoma, agree that their cattle in the Northwest storm area of the country withstood the adverse weather conditions as well as any cattle there.

As a good grazer and a rustler the Brangus literally "goes to grass." "When you can sell your weanlings right off the grass with very little supplemental feeding, your bulls beginning at \$400 and ranging up to \$5,000 per animal, your heifers from \$300 to \$800 each, that is good business," says Raymond Pope, president of the American Brangus Breeders Association.

In the firm belief that they had found a short cut from grass to beef, the American Brangus Breeders Association was organized with 54 members in 1949 at Vinita, Oklahoma. Today the rapidly expanding membership rolls are closely touching the 300 mark with enthusiastic cattlemen at work on building the breed in 16 states, in Canada, Costa Rico, Mexico, Australia, Paraguay and Venezuela. They have enrolled and registered 10,500 cattle in their herd book of which approximately 2,000 are registered purebred Brangus.

The Brangus Association is a non-profit organization designed to further improve the Brangus breed by scientific and technical education and to keep the proper records showing the pedigree of all registered Brangus cattle as well as the complete pedigree or breeding history of the intermediate breeding stock used to produce Brangus cattle. The Association is self supporting and derives its income after the membership fee of \$10 is paid, from transfer and registration fees.

Officers re-elected at the annual membership meeting held in San Antonio, Texas, on February 19, 1951, are: Raymond Pope, president, Vinita, Oklahoma; Terry Dalehite, Pearsall, Texas, first vice president; Carl Colwick, Stephenville, Texas, second vice president; Jess Dowdy, Sedalia, Mo., third vice president, and Carlton W. Corbin, Ada, Okla., secretary-treasurer. W. S. (Bill) Edwards, Miami, Okla., is full time field man and head of appraisals. Headquarters for the association is at Vinita, Okla., P. O. Box 81.

The intermediate blood percentages that it takes to make a Brahman are enrolled on the Brangus association herd books as foundation stock, so that when a Brangus is produced a complete and accurate record of his ancestry is available.

The name, "Brangus," is a trade name and can be used only on cattle registered with the association. The true Brangus is an animal that is hornless, black in color, that meets the conformation requirements of the appraisal committee and carries 3/8 Brahman and 5/8 Aberdeen-Angus blood. The foundation stock required to produce a Brangus includes: purebred Brahman; purebred Angus; quarter-bloods (1/4 Brahman and 3/4 Angus); half-bloods (1/2 Brahman, 1/2 Angus); and, three-quarter-bloods (3/4 Brahman and 1/4 Angus). To produce a Brangus, a quarter-blood individual may be mated with a half-blood, or, a three-quarter-blood individual may be crossed with an Angus to produce the same results. (The characteristic increase in size

(Continued on Page 66)

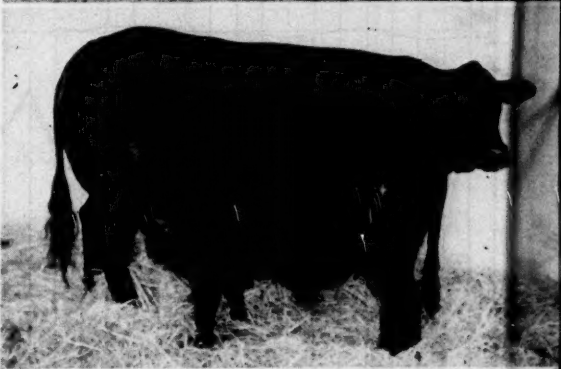
Half-blood yearling bull weighing 1,480 pounds.



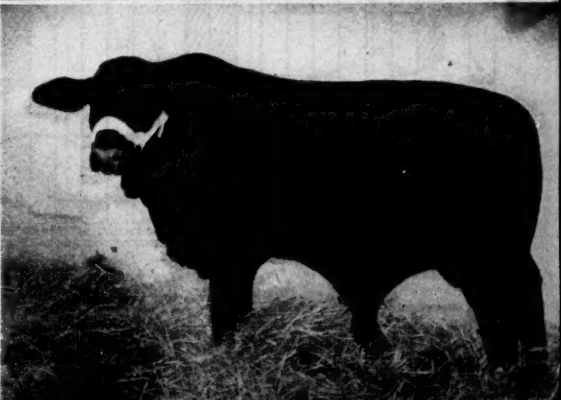
A group of Brangus females on the Clear Creek ranch at Grenada, Miss.



The sweepstake champion Brangus heifer at the 1951 San Antonio Livestock Exposition, with her Brangus calf sired by a registered Brangus bull. At three and a half years the champion weighs 1,800 pounds.



A 1951 Brangus bull weighing 1,000 pounds at 11 months of age.



How One Investment Counsellor Analyzes The Cattle Industry

By JOHN W. STEPHENS

WHEN the question, "What about the cattle industry?" is asked, the answer depends on who is asking it and at what level. Does the question come from the rancher, feeder, meat packer, consumer or investor? To this question might be added, "And how does it affect my interest?"

At the beginning it is well to define the scope of study undertaken by the investment counsellor. The present day investment counsellor or adviser (as he is sometimes called) is a combination of economist, mathematician, investment analyst and realist. In years past many economists were looked upon as theorists. Their conclusions were sometimes in error because their assumptions were based upon inadequate information. Today with more factual data available a more accurate comparison and analysis can be made before giving an estimate of future happenings. As business men become aware of the many economic studies available there is less chance for error in decision, with consequent greater profit. Knowledge of a coming change in the

Mr. Stephens concludes:

First: That a phase in the cattle cycle has been reached where prices could turn down as a result of supply and demand trends moving in opposite directions.

Second: That sufficient statistical information is available to guide the livestock investor so that plans can be made to counter changing price trends.

Third: That the per cent of the population eating meat in the next 10 years may decline by about 1½ per cent but that the consumption of meat will remain relatively constant in view of past experience.

Fourth: The investor in stocks in meat packing companies can expect to realize some capital gains because of anticipated increase in slaughter and profit margins remaining constant in the industry.

economic trends often results in a change which frequently coincides with previous estimates because more individuals have prior knowledge of the event.

Now the "key tool" in all analysis is mathematics. What the counsellor or analyst is interested in is the process of reducing every possible problem of our economy to quantities that can be measured and then analyzed mathematically. Thus many problems can be measured because of these facts and the field of opinion or debate limited to a minimum.

There is an old Chinese proverb which says, "A picture is worth a thousand words." Therefore the analyst takes the statistical compilations of the mathematician and constructs a "chart" which becomes a picture and calls attention to many implications regarding the problem not apparent when reading a column of figures. Then the analyst proceeds to write a thousand words or more about what he sees in the picture.

Since the ultimate objective of the cattle industry is food and by-products then the analyst begins with this fact and

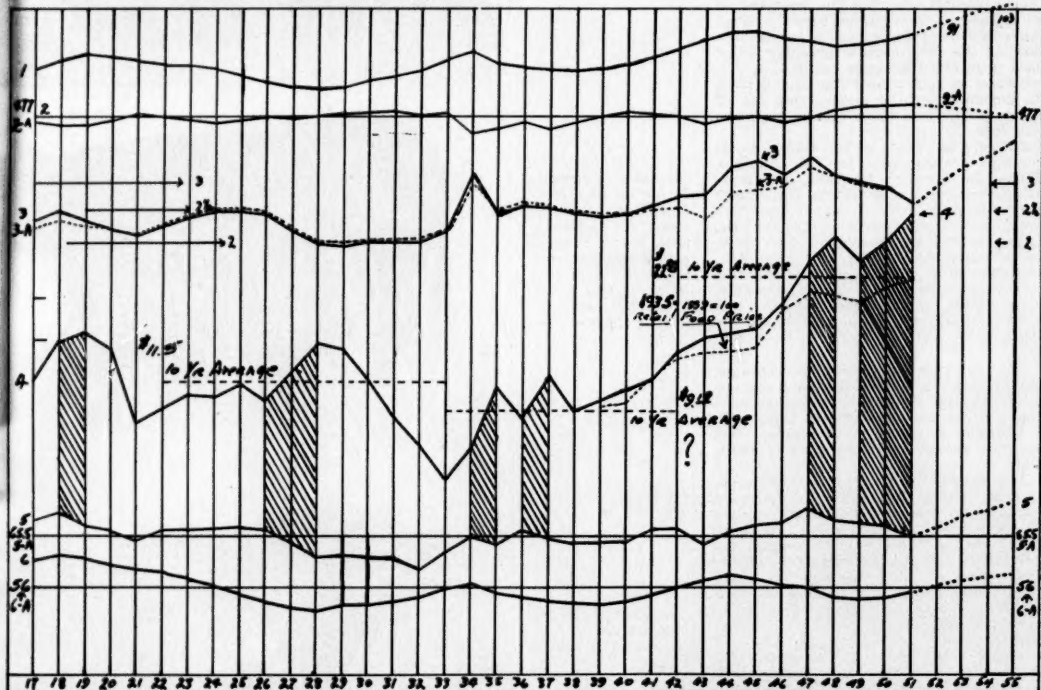


CHART I.—1. Total cattle population, United States, millions. 2. 477, average weight, lbs., dressed beef carcass, 35 years. 2-A. Annual average weight, lbs., dressed beef carcass. 3. Total slaughter, cattle and calves, millions. 3-A. Calculated minimum slaughter to equal consumption. 4. Price per 100 lbs., Chicago, U. S. choice slaughter steers. 5. Per capita consumption, lbs., beef and veal. 5-A. 65.5 lbs. equals annual average consumption for 35 years. 6. Number of cattle per 100 human population. 6-A. 56 equals annual average per 100 humans for 35 years.

works the problem backwards. By referring to the volume called *Agricultural Statistics* published by the Bureau of Agricultural Economics in the U. S. Department of Agriculture we can find a lot of classified data and information. In working out our problem we will not get quite as complicated as some research mathematicians who use such terms as "mathematical constants" and "harmonic means." We know that by taking the annual figures for the 35-year period our study covers and adding them together and dividing by 35 that we will get an average figure, so that when we construct our chart we can see where we are at all times in relationship to the average. We know you cannot add or cross cattle and hogs but you can add them together and call the answer livestock which goes through the hands of the processor and winds up as food for human consumption. So we will keep our chart right down to fundamentals.

Before going further with an explanation of the lines on Chart I there are some facts important to everyone in the cattle industry which they should know about but which are not shown on this chart. In 1910 we consumed 144 lbs. of meat per person and in 1950 the same figure of 144 occurred again. The pounds estimated for human consumption in 1951 are 141. For the past 35 years our consumption of beef and veal has averaged 65.5 pounds per person. During this period of time there have been "fads in foods" and "vogues in diet." Frozen foods, fresh vegetables and new ways of canning have been developed and our meat diet has been supplemented as a result of these developments. The consumption of flour and potatoes (both

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carbohydrates) has declined. In 1919 we consumed 214 pounds of flour per capita and in 1950 (figures for 1951 not yet available) the consumption had dropped to less than 140 pounds per capita, which means the gross wheat flour consumption in the United States is about the same

as it was 40 years ago although our population has increased about 65 per cent. The rate of decline in potato consumption is also relative, from 193 pounds down to 110 pounds per capita in the same period of time. Our consumption of all kinds of meat (which is protein) has remained relatively constant and will probably continue to be constant, varying only with the years of depression or prosperity. We can therefore conclude that the growth of our cattle population will closely parallel the growth in human population.

The Chart Picture

Cattle Population: The first or top line on Chart I shows the cattle population (in millions) in the United States. It will be noted that there was a peak in 1919, 1934, 1944 and a projection to a peak in 1955. At the bottom of the chart we find line No. 6 which is arrived at by dividing the cattle population by the human population each year. The average for 35 years is 56 cattle for every 100 humans and is shown on the chart as line 6-A.

Slaughter: Line No. 3 shows the total slaughter of federally inspected cattle and calves. The dotted line is a calculated line to show the minimum slaughter required in order to just equal the consumption per capita of beef and veal in the United States. To arrive at this calculated slaughter the total population was multiplied by pounds consumed each year and this total was divided by the average carcass weight which gives us the minimum slaughter requirement. During World War I we slaughtered more than our domestic requirement which means that we were exporters of meat.

(Continued on Page 69)

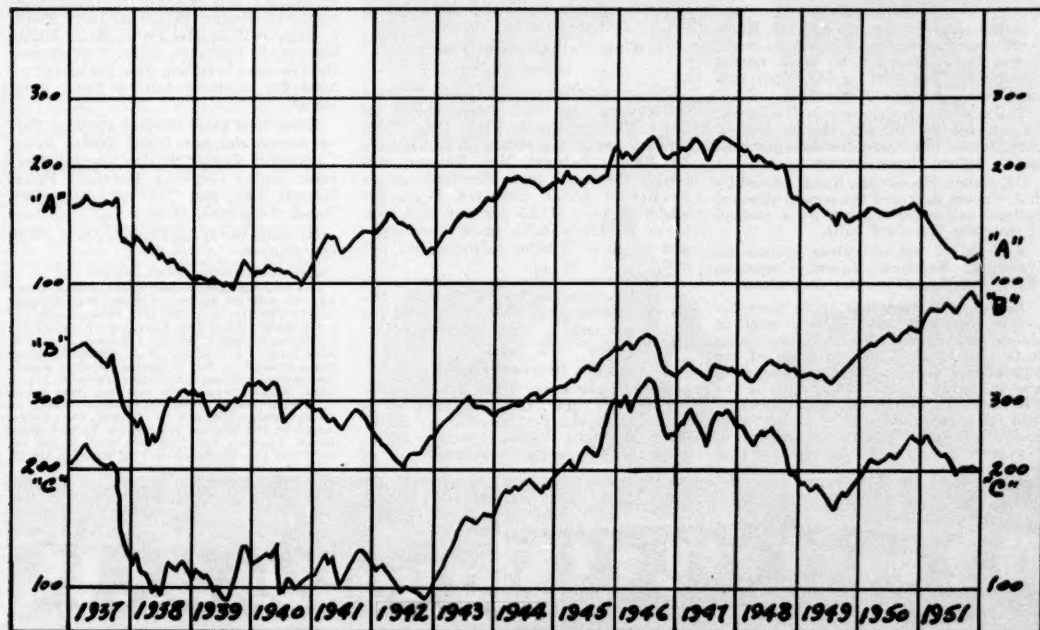


CHART II.—Line A, average price of four leading packing stocks divided by New York Times composite stock index equals ratio of packing stocks to entire market. Line B, New York Times composite index on 50 stocks for the first Thursday of each month. Line C, average price of four leading packing stocks on first Thursday of each month—Armour, Cudahy, Swift and Wilson.

National Western Stock Show

HEREFORDS dominated the interbreed competition at the National Western Stock Show when the whitefaces captured both the championship and reserve championship honors in the fat steer division. The grand champion steer of the show was a 1,230 pound Hereford fed by C. E. Yoder & Son, Muscatine, Iowa. The steer sold for \$2 per pound, 25 cents higher than last year but considerably below the record price at the show.

The reserve champion steer, which was champion of the junior show, weighed 1,250 pounds and was shown by 10-year-old Melvin Beauprez, Lafayette, Colo. It was the first time he had shown at the Denver show. However, his father, Joe Beauprez, had the junior and open show champion, also a Hereford, at the 1936 Denver show. The steer sold for \$1.20 per pound.

Robert D. Schmidt, Delmar, Iowa, showed the champion open class Aberdeen-Angus steer and Kansas State College, Manhattan, Kans., had the reserve champion.

The champion open class Shorthorn steer was shown by Cornelius Wolf, Remsen, Iowa, and Held Bros., Muscatine, Iowa, showed the reserve champion.

Carlot Shows

In the carload fat cattle division, Herefords shown by Father Flanagan's Boys' Home, Boys Town, Neb., were named champions. They sold for \$45.50 per cwt. to a Los Angeles meat company.

The reserve champions were Aberdeen-Angus, fed by Russell Bucks, Davenport, Iowa. They sold for \$39 per cwt. to the Oxford Hotel, Denver.

CK Ranch, Brookville, Kans., owned by J. J. Vanier, captured the second straight carload bull championship on a carload of yearling Hereford bulls.

A load of senior calves shown by Wyoming Hereford Ranch, Cheyenne, Wyo., were named reserve champions.

It was estimated that there were between 1,200 and 1,500 bulls entered in the carload division. Ranchers, especially, were interested in buying some of the outstanding sires to place in their commercial herds and 17 of the bulls in the CK Ranch champion load were reported sold for an average slightly in excess of \$4,500. Robert Lazear, manager of Wyoming Hereford Ranch, reported that

Grand champion steer, National Western Stock Show, owned by C. E. Yoder & Sons, Muscatine, Iowa.



his carload of 25 reserve champion bulls sold for an average slightly above \$5,000. Earl Henderson sold 11 of his second yearling bulls at \$2,500 each to Earl Monahan, Hyannis, Neb.

A new high record for an individual bull was established when Hiwan Ranch, Evergreen, Colo., sold a son of WHR Helmsman 89th to TO Ranch, Raton, N. M., for \$15,000. Hiwan also sold a son of Baca Royal Domino 21st to the same buyer for \$5,000. Numerous sales around the \$10,000 mark were reported.

Winkler's Shorthorn Feeders Champions

The grand champion carload of feeder cattle were Shorthorn calves shown by Josef Winkler, Castle Rock, Colo. They sold for \$81.00 per cwt. to J. C. Thiezen, ZK Ranch, Osmond, Neb. Thiezen also bought the fourth place Herefords shown by Bar 13 Ranch, Sheridan, Wyo., for which he paid \$81.25 per cwt. and took home Winkler's fifth place Shorthorns and 34 other Winkler calves at \$61 per cwt.

The reserve champion feeder calves were Herefords shown by Fred C. DeBernard, Kremmling, Colo. They sold for \$52.50 per cwt. to Sam Weisbart & Co., Brush, Colo.

The Hereford Show

MW Prince Larry 62nd, an outstanding son of MW Larry Domino 37th, scored a repeat performance for Milky Way Hereford Farm, Phoenix, Ariz., when he was named champion bull of

the Hereford show. The "62nd" was champion at the 1951 Denver show as a summer yearling. He was also champion at the recent Arizona National. Standing next to him in class was CK Crusty 46th, who also claims royalty in the show ring for CK Ranch, Brookville, Kans. He was named reserve champion bull.

A Texas breeder, Grissom Hereford Ranch, Abilene, owned by Earl Guitart, scored the top position in the female competition when EG Royal Lady 253rd, a junior calf, by HG Proud Mixer 605th, was named champion. Milky Way showed the reserve champion, MW Zatos Larryanna 4th, a senior calf by Zatos Aristocrat.

Other first prize winners included Turner Ranch, Sulphur, Okla.; Dudley Bros., Comanche, Texas; Foster Farms, Rexford, Kans.; Circle A Hereford Farm, Morris, Ill.; and Wyoming Hereford Ranch, Cheyenne, Wyo.

Herman Purdy, Columbus, Ohio, made the placings.

Awards to ten places follow:

Two-year-old bulls, calved between May 1 and Aug. 31, 1949 (14 shown): 1, Milky Way Hereford Ranch, Phoenix, Ariz., on MW Prince Larry 62; 2, CK Ranch, Brookville, Kans., on CK Crusty 46; 3, En-De Hereford Ranch, Loveland, Colo., on Baca Star 7; 4, Peterson Bros., Ogden, Utah, on Royal Mixer 1; 5, Straus Medina Hereford Ranch, San Antonio, Texas, on Medina Triumph 21; 6, Chas. Bianchi, Macon, Mo., on Baca Duke 58; 7, J. Francis Miller Herefords, Hayden, Colo., on Dandy Domino 108; 8, C. K. Warren, Deer Lodge, Mont., on WH Western Triumph; 9, Platte Canyon Ranch, Littleton, Colo., on PCR Baca Rocket 16; 10, Platte Canyon Ranch on PCR Baca Rocket 18.



Left—Grand champion carload of bulls, owned by CK Ranch, Brookville, Kans. Right—Reserve champion carload of bulls, owned by Wyoming Hereford Ranch, Cheyenne, Wyo.

1. MW Prince Larry 62nd, champion Hereford bull, owned by Milky Way Hereford Ranch, Phoenix, Ariz. This bull was also champion at the Arizona National.

2. EG Royal Lady 253rd, champion Hereford female, owned by Grissom Hereford Ranch, Abilene, Texas.

3. Quality Bardolier 3rd, champion Aberdeen-Angus bull, owned by J. Garrett Tolan, Pleasant Plains, Ill.

4. Eileenmere's Erica WHF, champion Aberdeen-Angus female, owned by Penny & James, Hamilton, Mo.

5. CK Crusty, reserve champion Hereford bull and champion Hereford sale bull, owned by CK Ranch, Brookville, Kans., sold for \$40,500 to McCormick Hereford Farm, Medina, Ohio.

6. TR Zato Heiress 40th, owned by Turner Ranch, Sulphur, Okla., top selling female in the Hereford sale, sold for \$4,000 to Tom C. Allington & Son, Sunol, Nebr.

7. Reserve grand champion steer, owned by Melvin Beauprez, Lafayette, Colo.

8. Champion Aberdeen-Angus steer, owned by Robert D. Schmidt, Delmar, Iowa.

9. Champion Shorthorn steer, owned by Cornelius Wolf, Remsen, Iowa.

10. Reserve champion Hereford steer, junior division, owned by Sim Reeves, Jr., Stockton, Texas.

Senior yearling bulls, calved between Sept. 1 and Dec. 31, 1949 (15 shown): 1. Turner Ranch, Sulphur, Okla., on TR Zato Heir 40; 2. Circle A Hereford Farm, Morris, Ill., on CA Larry Domino 4; 3. Straus Medina Hereford Ranch on Larry Plus 228; 4. Frank Roach, Spokane, Wash., on Aldara Regent 20; 5. Circle A Hereford Farm on CA Citation 29; 6. Fred C. DeBeard, Kremmling, Colo., on Super Royal Prince D; 7. Foster Farms, Rexford, Kans., on FF Alpine C 11; 8. Helmer Bros., Littleton, Colo., on Jayhawk D 11; 9. Straus Medina Hereford Ranch on Noe's Baca Prince 53; 10. G. A. Sidwell & Sons, Carr, Colo., on Colorado Baldwin 38.

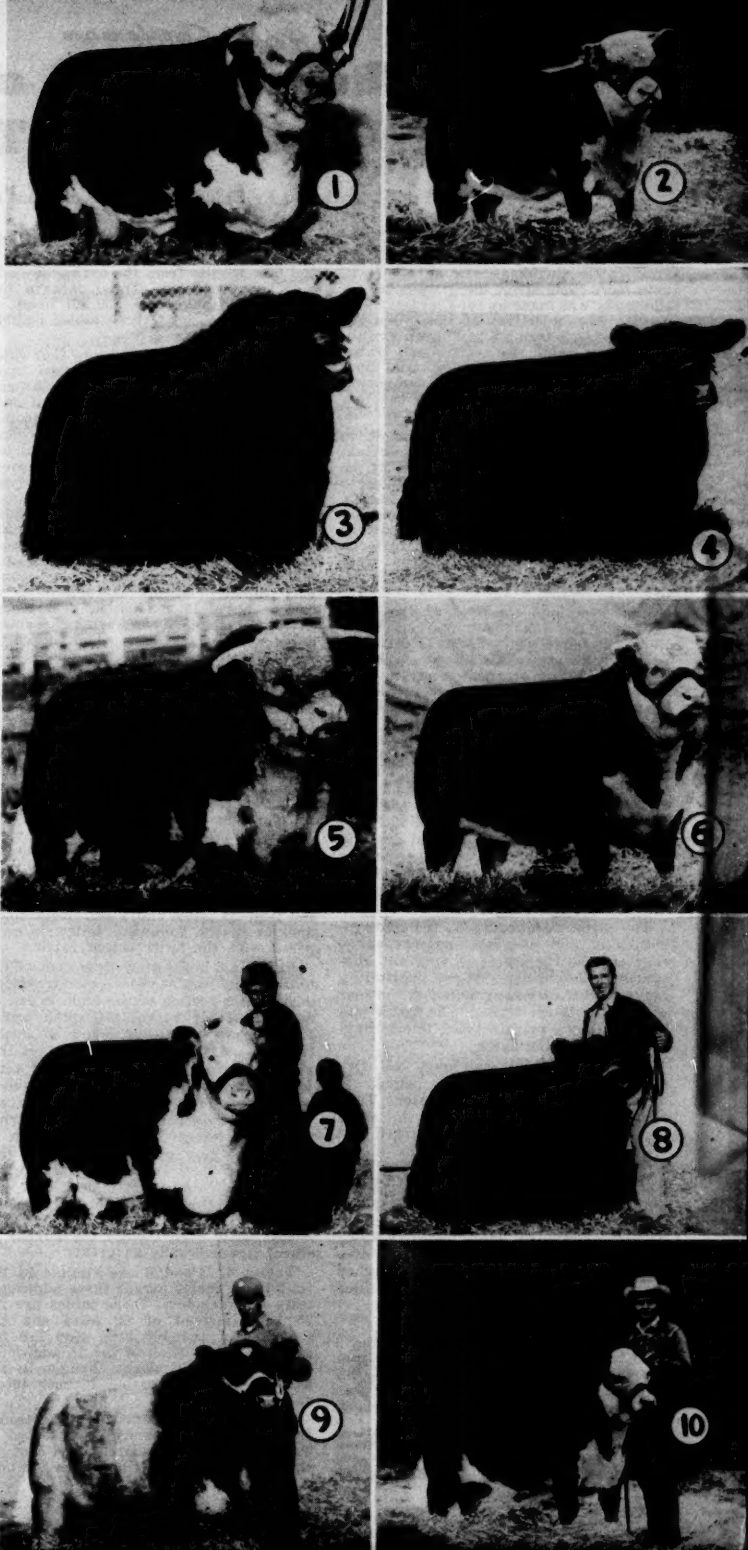
Junior yearling bulls, calved between Jan. 1 and April 30, 1950 (32 shown): 1. Milky Way Hereford Ranch on MW Royal Dandy; 2. Thornton Hereford Ranch, Gunnison, Colo., on EH Baca Duke 4; 3. Arledge Ranch, Seymour, Texas, on BR Proud Mixer 7; 4. Milky Way Hereford Ranch on MW Super Larry 4; 5. CK Ranch on WR Royal Prince 3; 6. Turner Ranch on TR Prince Larry 7; 7. Circle A Hereford Farm on CA Larry Domino 6; 8. Hardy Grissom Ranch, Abilene, Texas, on EG Royal Mixer 111; 9. Gene Moore, Columbia, Mo., on MS Prince Larry 10; 10. Bowen Hereford Farms, Coleman, Texas, on BHF Proud Mixer 17.

Summer yearling bulls, calved between May 1 and Aug. 31, 1950 (25 shown): 1. Dudley Bros., Comanche, Texas, on DB Larry Domino 34; 2. Arledge Ranch on BR Proud Mixer 13; 3. Wyoming Hereford Ranch, Cheyenne, Wyo., on WHR Idealist 14; 4. Arledge Ranch on Proud Mixer 12; 5. Milky Way Hereford Ranch on MW Dandy Larry 8; 6. J. Francis Miller Herefords on Dandy Domino 129; 7. Turner Ranch on TR Zato Heir 62; 8. Layman Hereford Ranch, Holcomb, Kans., on LHR Duke Pride 21; 9. Endicott Hereford Ranch on TRS Royal Mixer 19; 10. G. C. Parker, Chelsea, Okla., on U. Royal Mixer 38.

Senior bull calves, calved between Sept. 1 and Dec. 31, 1950 (26 shown): 1. Dudley Bros., on DB Larry Domino 40; 2. Turner Ranch on TR Zato Heir 86; 3. Turner Ranch on TR Zato Heir 88; 4. Painter Hereford Ranches, Roggen and Denver, Colo., on PHR Dandy Larry 17; 5. Fulwiler Hereford Ranch, Abilene, Texas, on BR Baca Duke 17; 6. Suncrest Hereford Ranch, Phoenix, Ariz., and Springerville, Colo., on S Silver Standard; 7. Roy R. Largent, Merkel, Texas, on Prince Publican 141; 8. Mr. and Mrs. John G. Anderson, Buffalo, Wyo., on JR Numode C 8; 9. Arledge Ranch on BR Proud Mixer 20; 10. J. Francis Miller on Colorado Baca Royal.

Junior bull calves, calved between Jan. 1 and Mar. 31, 1951 (29 shown): 1. Hardy Grissom Ranch on EG Royal Mixer 215; 2. W. O. Sanderson & Sons, Gunnison, Colo., on Hartland Prince H; 3. Milky Way Hereford Ranch on MW Larry Mixer 58; 4. W. J. Largent & Son, Merkel, Texas, on Publican Domino 263; 5. Dudley Bros. on DB

(Continued on Page 76)



Shrink Characteristics of Fat Cattle Transported by Truck*

Prepared and Distributed by Chicago Union Stock Yard and Transit Company

AT THE present time very little current information is available on cattle shrinkage. In an effort to gain more facts about the problem a special study was made by the Chicago Stock Yards. The objectives of the investigation were to determine how much shrinkage occurs while fat cattle are transported to market and during what part of the haul the greatest amount of shrink takes place. At no time during the test were the cattle fed or watered.

Twenty separate tests were made to obtain information about cattle shrinkage while in transit. The first five of the tests were of an exploratory nature to determine some of the basic characteristics of shrink. The information obtained was used to design a pattern which could be followed in future tests. This left results from 15 tests that were comparable and could be analyzed in detail.

Each test load consisted of five head of fat steers ready for market. They were selected directly from 20 different feedlots. In most cases farmers were already marketing or about ready to market cattle in the lot from which the five head came. Some of the cattle used in the tests fell into each of the top four grades: prime, choice, good, and commercial. However, the majority fell in the two higher grades, with a preponderance being in the choice bracket. Eight of the lots of cattle used were from feedlots in Iowa and 12 from Illinois feedlots. The Stock Yards Company is indeed grateful for the excellent cooperation from the farmers who permitted their cattle to be hauled and handled, thus making the shrink tests possible.

The cattle were loaded on the truck individually and weighed one by one as they entered the truck. A specially constructed Fairbanks-Morse registering beam type scale was mounted in the rear end of the truck trailer. The truck was rented from a private truck line to haul the scale and the cattle.

After the initial weighing, the five head of cattle were shut in a penned-off area in the front of the trailer. They fitted into the pen in about the same manner as they would ride in a truck load of cattle going to market. The steers were weighed the second time after they had traveled 25 miles. The third weighing was at the end of 50 miles and a fourth after 100 miles. The cattle were weighed again as they were unloaded back into the feedlot after a total trip of 200 miles. Each steer was weighed individually and the weight was recorded after every weighing.

Findings

In Tables 1, 2 and 3 the results from 12 of the test loads are presented. Because of severe weather conditions, it was not feasible to make the 100 mile check

weight on three of the 15 loads. The 100 mile weights are omitted in Tables 4, 5 and 6 so results from the entire 15 loads could be presented. Thus, data in the first three tables are for 60 head of steers and the next three tables include 75 head.

The cattle are classified into four categories on a weight basis, based upon starting weights. Eleven of the 60 head weighed less than 1,000 pounds but only one in this group weighed less than 900 pounds. The average weight of the class was 954 pounds. Ten head weighed between 1,000 and 1,099 pounds and averaged 1,056 pounds. Twenty-four head weighed between 1,100 and 1,199 pounds and averaged 1,139 pounds. Fifteen head weighed over 1,200 pounds with a group average of 1,263. Only two steers weighed over 1,300 pounds. Cattle in the different weight groups showed somewhat different shrink characteristics as can be noted in the tables. There was greater homogeneity of shrink characteristics within each class when the cattle were classified on a weight basis than when classified on other factors.

In Table 1, the pounds of shrink are shown for each of the weight groups and for each of the five weightings. The average pounds of shrink for all 60 head was 44.3 pounds during the 200 mile ride. The light cattle had an average of 8.8 pounds less shrink than 1,100-1,199 pound class. The total pounds of shrink equal 100 per cent in Table 2 and the per cent of shrink in each interval is presented. The smaller cattle had a more constant shrink throughout the entire ride than did the heavy cattle. Cattle weighing over 1,000 pounds had a larger shrink the first 25 miles and a relatively small amount in the following intervals compared with the light weight cattle.

In Table 3 is shown the per cent of the total animal weight represented by shrink during each section of the trip. It can be noted in Table 1 that the cattle under 1,000 pounds had fewer pounds of shrink than the average for all animals, yet this group had as large a per cent of total weight shrink as the average. In Table 6 when 75 cattle are included, the light cattle had a larger per cent of weight shrink than the average for all cattle. The 18 steers weighing over 1,200 pounds had the lowest per cent of total weight shrinkage. This indicates that light cattle tend to shrink a larger per cent of their total weight while in transit than heavy cattle even though the pounds of shrink are not quite as great.

Tables 4, 5 and 6 are similar to the first three tables except three additional tests are included. These tables are for 75 head instead of 60 head and the weights for the 100 mile stop are not given. The inclusion of the 15 additional cattle made only slight changes in the average shrink occurring in each interval.

The most important results obtained from the shrink tests are presented in Table 7. The cumulated per cent of shrinkage in each portion of the 200 mile

haul is shown for the average of the 60 steers and also broken down for each of the four weight classes. These tests have proven that almost half (46.3 per cent) of the total steer shrinkage takes place within the first $\frac{1}{4}$ (12.5 per cent or 25 miles) of the total 200 mile trip. At the end of $\frac{1}{4}$ (25 per cent or 50 miles) of the total distance the cattle already had completed about $\frac{1}{2}$ (64.8 per cent) of their total shrink. After the first $\frac{1}{2}$ (50 per cent or 100 miles) of the total haul, the shrink amounted to 84.4 per cent.

The results of tests indicate that very little in-transit shrink occurs after the first 100 miles and shrink takes place at a rapidly decreasing rate after the very first part of the truck haul. The progression of shrinkage differs slightly among the four weight groups as presented in the various tables.

The material in Table 8 shows the cumulative total per cent of steer weight that in-transit shrinkage represented. The total average shrink was 3.9 per cent for the 60 steers during the 200 mile trip. The three heaviest weight groups varied a slight amount, both above and below the average per cent of shrink for all animals.

Summary

Seventy-five head of fat steers were loaded from farm feedlots and hauled 200 miles on a truck. While en route the cattle were weighed individually on a specially constructed Fairbanks-Morse registering beam scale mounted in the rear of the truck trailer. The weights were taken when the steers were loaded, and also after 25, 50, 100, and 200 miles of the truck haul.

The amount of shrink and the interval during which it occurred varied slightly in the different cattle weight classifications. Light steers (under 1,000 pounds) tended to shrink fewer total pounds than heavy steers. However, these pounds of shrink represented as large or a larger per cent of the total animal weight for the light than for the heavy fat steers.

Sixty head of steers averaged 44.3 pounds of shrink (75 head averaged 42.9 pounds) during the 200 mile truck haul. The average per cent of total animal weight shrinkage was 3.9 per cent. Only .6 per cent of the 3.9 per cent took place in the last 100 miles, which is a rather small amount of the total shrink for entire 200 miles.

This investigation proves that shrink for fat cattle in-transit takes place at an extremely rapid rate in the very first part of the haul, 46.3 per cent in the first $\frac{1}{4}$ of the trip, and after the first 25 miles shrink occurs at a rapidly decreasing rate.

All of the figures in this study are presented on a gross shrink basis since the cattle received no feed or water during the entire test. A substantial part of the shrink was regained after the animals were returned to the feedlot and had access to feed and water.

*This study was conducted by Gerald R. Abbenhaus and Roland C. Penney of the Public Relations Section of the Chicago Union Stock Yard and Transit Company.

TABLE 1

Pounds of Shrink for 60 Fat Cattle Between Each Check Weighing During a 200 Mile Truck Haul

Weight Classes	Number of Head in Each Class	Average Weight	Miles Traveled Between Weighings				Total Pounds
			0-25	25-50	50-100	100-200	
Group Average	60	1,122	(Pounds) 26.5	(Pounds) 8.2	(Pounds) 8.7	(Pounds) 6.9	44.3
Under 1,000 lbs.	11	954	14.6	6.5	8.6	7.7	37.7
1,000-1,099 lbs.	10	1,056	21.5	10.0	8.5	3.5	43.5
1,100-1,199 lbs.	24	1,139	20.4	9.4	8.6	8.1	46.5
Over 1,200 lbs.	15	1,263	24.3	6.0	9.0	6.7	46.0

TABLE 2

Per Cent of Shrink for 60 Fat Cattle Between Each Check Weighing During a 200 Mile Truck Haul (Total Pounds of Shrink Equal 100 Per Cent)

Weight Classes	Number of Head in Each Class	Average Weight	Miles Traveled Between Weighings				Total Per Cent
			0-25	25-50	50-100	100-200	
Group Average	60	1,122	(Per Cent) 46.3	(Per Cent) 18.5	(Per Cent) 19.6	(Per Cent) 15.6	100.0
Under 1,000 lbs.	11	954	38.6	18.1	22.9	20.4	100.0
1,000-1,099 lbs.	10	1,056	49.4	23.0	18.6	8.0	100.0
1,100-1,199 lbs.	24	1,139	43.9	20.2	18.4	17.5	100.0
Over 1,200 lbs.	15	1,263	52.9	12.0	19.6	14.5	100.0

TABLE 3

Per Cent of Shrink for 60 Fat Cattle Between Each Check Weighing During a 200 Mile Truck Haul (Total Animal Weight Equals 100 Per Cent)

Weight Classes	Number of Head in Each Class	Average Weight	Miles Traveled Between Weighings				Total Per Cent
			0-25	25-50	50-100	100-200	
Group Average	60	1,122	(Per Cent) 1.8	(Per Cent) .7	(Per Cent) .8	(Per Cent) .6	3.9
Under 1,000 lbs.	11	954	1.5	.7	.9	.8	3.9
1,000-1,099 lbs.	10	1,056	2.1	.9	.8	.3	4.1
1,100-1,199 lbs.	24	1,139	1.8	.8	.8	.7	4.1
Over 1,200 lbs.	15	1,263	1.9	.5	.7	.5	3.6

TABLE 4

Pounds of Shrink for 75 Fat Cattle Between Each Check Weighing During a 200 Mile Truck Haul

Weight Classes	Number of Head in Each Class	Average Weight	Miles Traveled Between Weighings				Total Pounds
			0-25	25-50	50-100	100-200	
Group Average	75	1,115	(Pounds) 29.4	(Pounds) 8.3	(Pounds) 14.2	(Pounds) 14.2	42.9
Under 1,000 lbs.	13	950	18.5	7.3	14.6	14.6	37.7
1,000-1,099 lbs.	18	1,053	20.3	9.7	10.8	40.8	40.8
1,100-1,199 lbs.	26	1,139	21.0	9.2	16.0	46.2	46.2
Over 1,200 lbs.	18	1,261	28.1	6.4	14.7	44.2	44.2

TABLE 5

Per Cent of Shrink for 75 Fat Cattle Between Each Check Weighing During a 200 Mile Truck Haul (Total Pounds of Shrink Equals 100 Per Cent)

Weight Classes	Number of Head in Each Class	Average Weight	Miles Traveled Between Weighings				Total Per Cent
			0-25	25-50	50-100	100-200	
Group Average	75	1,115	(Per Cent) 47.5	(Per Cent) 19.4	(Per Cent) 33.1	(Per Cent) 100.0	100.0
Under 1,000 lbs.	13	950	41.8	19.4	38.8	100.0	100.0
1,000-1,099 lbs.	18	1,053	49.7	23.8	26.5	100.0	100.0
1,100-1,199 lbs.	26	1,139	45.4	20.0	34.6	100.0	100.0
Over 1,200 lbs.	18	1,261	52.2	14.5	33.5	100.0	100.0

TABLE 6

Per Cent of Shrink for 75 Fat Cattle Between Each Check Weighing During a 200 Mile Truck Haul (Total Animal Weight Equals 100 Per Cent)

Weight Classes	Number of Head in Each Class	Average Weight	Miles Traveled Between Weighings				Total Per Cent
			0-25	25-50	50-100	100-200	
Group Average	75	1,115	(Per Cent) 1.8	(Per Cent) .8	(Per Cent) 1.3	(Per Cent) 3.9	3.9
Under 1,000 lbs.	13	950	1.7	.8	1.5	4.0	4.0
1,000-1,099 lbs.	18	1,053	1.9	.9	1.0	3.5	3.5
1,100-1,199 lbs.	26	1,139	1.8	.8	1.4	4.0	4.0
Over 1,200 lbs.	18	1,261	1.8	.5	1.2	3.5	3.5

TABLE 7

Cumulative Per Cent of Shrink for 60 Fat Cattle After Each Weighing on a 200 Mile Truck Haul (Total Pounds of Shrink Equals 100 Per Cent)

Weight Classes	Number of Head in Each Class	Average Weight	Per Cent of Shrink After Each Fraction of the 200 Mile Haul			Total Trip
			1/4 of the trip	3/4 of the trip	1/2 of the trip	
Group Average	60	1,122	46.3	64.6	64.6	100.0
Under 1,000 lbs.	11	954	38.6	56.7	79.6	100.0
1,000-1,099 lbs.	10	1,056	49.4	72.4	92.9	100.0
1,100-1,199 lbs.	24	1,139	43.9	64.1	82.5	100.0
Over 1,200 lbs.	15	1,263	52.9	69.9	85.5	100.0

TABLE 8

Cumulative Per Cent of Shrink for 60 Fat Cattle After Each Weighing on a 200 Mile Truck Haul (Total Animal Weight Equals 100 Per Cent)

Weight Classes	Number of Head in Each Class	Average Weight	Per Cent of Shrink After Each Fraction of the 200 Mile Haul			Total Trip
			1/4 of the trip	3/4 of the trip	1/2 of the trip	
Group Average	60	1,122	1.8	3.5	3.3	3.9
Under 1,000 lbs.	11	954	1.5	2.3	3.1	3.9
1,000-1,099 lbs.	10	1,056	2.1	3.0	3.6	4.1
1,100-1,199 lbs.	24	1,139	1.8	2.6	3.4	4.1
Over 1,200 lbs.	15	1,263	1.9	2.4	3.1	3.6

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Dressing powder for sore eyes, hoof rot and all kinds of open wounds. Contains no talcum. ASL LOUSE POWDER—contains no DDT. ASL STIL-BO for certain breeding disfunctions in cows and ewes in which diethylstilbestrol treatment is recognized. 10 cc vial (3 mg stilbestrol per cc).

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American National Cattlemen's Association Holds 55th Annual Meeting in Fort Worth



Jay Taylor, Amarillo, vice president, and Sam Hyatt, Hyattville, Wyo., president, of the American National Cattlemen's Association, discuss important problems following their election at the annual convention held in Fort Worth last month.—Star-Telegram photo.

THE American National Cattlemen's Association held its 55th Annual convention in Fort Worth January 7-9, elected Sam C. Hyatt of Hyattville, Wyo., president and Jay Taylor of Amarillo, Texas, vice president and selected Kansas City for the 1953 convention.

More than 1500 cattlemen from 22 states were in attendance and the meetings were jammed to the doors. It was clearly evident from a number of speeches made during the convention and some of the resolutions adopted at the close of the meeting that cattlemen do not want the government meddling with their business. They want to be left strictly alone and are willing to play the game as they have done in years past, taking the bitter with the sweet.

Addresses of welcome were made by Mayor J. R. Edwards of Fort Worth and Ray W. Willoughby, president of the Texas and Southwestern Cattle Raisers Association.

Loren C. Bamert, Ione, Cal., president of the Association, in his annual report, traced the development of the entire price control program which the association and other livestock groups have fought strongly. He repeated the charge that cattlemen were not consulted before the OPS price control orders and roll-backs were established and said that OPS Administrator DiSalle used the livestock advisory committee as mere "show window dressing." Bamert said price controls and other administration measures were "vote buying" tactics as he continued to blast the administration.

F. E. Mollin, executive secretary of the Association pointed out in his report that much of the activities of the association during the past year had been in the fight against controls. He referred to the "vicious policy"—of OPS recently developed in following market prices down as temporary surpluses occur and then imposing new ceilings on the reduced basis at these abnormal prices. He also attacked government proposals to establish subsidies on livestock to hold meat prices down.

"It seems ridiculous to cause further piling up of debt in order to pay subsidies to help our consumers buy meat when they have the highest income ever enjoyed in the history of the world," he said.

D. A. Savage, superintendent of the Southern Great Plains Field Station, Woodward, Okla., said ranchmen of the

West could double returns from their grazing land just by putting into use already proven improved practices.

Prof. Herrell DeGraff, nutritionist with Cornell University, said the consumer is hurt more than the producer when government regulations disrupt normal marketing processes. He urged cattlemen to put all available scientific knowledge to work on their ranches to produce more beef at a lower cost to feed a constantly expanding population.

Dr. L. R. Noyes, co-director of the Joint Mexican-American Aftosa Commission, traced the history of the foot and mouth disease campaign which started in 1947, pointing out that 365,000,000 animals have been inspected in Mexico since the campaign began. He said the value of resisting pressure to open the United States border to Mexican cattle last summer was proved conclusively when an outbreak of the disease showed up in Veracruz in August.

"Had the border been opened the way would have been open for the disease to

spread through the whole present quarantine zone with 17,000,000 susceptible animals," he said. "The entire cattle populations of Mexico, Guatemala and the United States would have been faced with prospects of an outbreak."

D. A. Huley, Dallas, president of the United States Chamber of Commerce, sounded a warning against encroachment of socialism into America. He said too much government is hurting the country and called for pruning the national government down to an efficient size.

"Through sheer bigness of the national government men have been vested with arbitrary powers over the day-to-day decisions that we, as people, once made for ourselves. We have multiplied the opportunities and temptations for favoritism, influence, manipulation, bribe taking and bribe giving," Huley said.

G. B. Thorne of Chicago, vice president of Wilson & Company, said government controls of livestock and meat just won't work. Heavy fall marketings showed that a lower price for beef will



Gen. H. H. Johnson, former co-director of the Mexico-United States Commission for the Eradication of Foot and Mouth Disease, was honored by the Livestock Industry Advisory Committee during the annual convention of the American National Cattlemen's Association held in Fort Worth. The presentation of a brochure of testimonials expressing the appreciation of the livestock industry in this country for his work in Mexico, was made by Chancellor Weymouth, Amarillo, pictured with General Johnson in center, as members of the advisory committee look on. Left to right, Carlos Ronstadt, Amado, Ariz.; Ray Cowden, Phoenix, Ariz.; Albert K. Mitchell, Albert, N. M.; Weymouth, Johnson, Horace Hening, Albuquerque, N. M.; Elmer Brock, Kaycee, Wyo.; and Fred Earwood, Sonora, Texas.—Star-Telegram photo.



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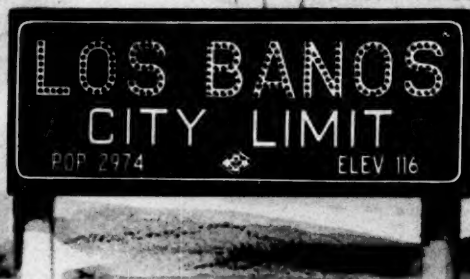
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against both blackleg and malignant edema. One 5 cc. dose of Blacklegol "S" contains the concentrated equivalent of 5 cc. of famous Blacklegol plus 5 cc. of malignant edema vaccine—both for little more than the cost of one.

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Photo taken during the state association presidents' breakfast during the American National Cattlemen's convention in Fort Worth. Left to right, Lloyd Taggart, Cody, Wyo., Ray Willoughby, San Angelo, Texas, and A. A. Smith, Sterling, Colo.

come only from an increase in supply, he said.

"OPS has little to show for its efforts in controlling beef prices beyond what was extracted from the operating results of these beef processors and distributors who did their best to interpret and adhere to regulations," the Chicago packing house executive declared.

Thorne called for a campaign to educate the consumer to bring about a better understanding of the livestock and meat business.

W. R. Poage, U. S. Congressman from Texas and vice chairman of the House agricultural committee, criticized those who blame the farmer and rancher for increased living costs, explaining that the American workman is getting far more per hour of work than ever before in history.

He said cattlemen are giving the consumers far more help in the fight against high living costs than are DiSalle and the OPS, and that the productive capacity of the American livestock industry is doing more to break the back of high prices than any government regulations.

General H. H. Johnson, Houston, former co-director of the campaign to eradicate the foot and mouth disease in Mexico was presented a brochure of testimonials expressing appreciation of the American livestock industry for his work in Mexico. C. E. Weymouth, Amarillo, representing the livestock industry's advisory committee, made the presentation. Other members of the committee here for the presentation were: Carlos Ronstadt of Amado, Ariz.; Ray Cowden of Phoenix, Ariz.; Albert K. Mitchell of Albert, N. M.; Horace Hening of Albuquerque, N. M.; J. Elmer Brook of Kaycee, Wyo., and Fred Earwood of Sonora. Only members not here were W. S. Moscrip of Minneapolis and Wayland Hopley of Atlantic, Iowa.

Seventeen resolutions were presented to the convention and approved.



Five prominent cattlemen talk things over at the recent American National Cattlemen's Association convention in Fort Worth. Left to right, Joe Matthews, Albany, Texas, Jack Mansfield, Vega, Texas, Roy Parks, Midland, Texas, J. M. Harper, Sitka, Kans., and Ed Robbins, Bellvidere, Kans.

The association voiced its "unalterable opposition to the continuation" of price controls, pointing out that such controls have not helped the consumer but have interfered with orderly production and marketing of livestock and meat.

Slaughtering quotas for packers were condemned in another resolution which pointed out that conditions without quotas have improved.

The convention also opposed cash agricultural subsidies which directly or indirectly affect the cattle business.

Criticism of the national administration was voiced in a resolution declaring that support should go to a presidential candidate in the next election who will actively defend the constitutional form of government and free enterprise.

Other resolutions criticized Secretary Brannan's controversial farm family review; asked economy in government, urged continuation of foot and mouth disease campaign in Mexico, supported a new grazing law for public lands, touched on animal health problems and mineral rights on public lands.

Wives of members of the American National Cattlemen's Association met during the convention and organized a women's auxiliary known as the Cow Belles. Mrs. O. W. Lynam, Burdett, Kansas, was elected president; Mrs. Mel Harper, Sitka, Kansas, secretary-treasurer; Mrs. Ralph Cowan, Douglas, Arizona, first vice president; and Mrs. Frank Fehling, Nathrop, Colorado, and Mrs. Jesse Conover, Ferron, Utah, second vice presidents.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**



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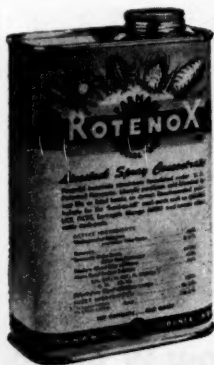


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McFaddin

(Continued from Page 19)

married and he knew that \$25 a month would not buy his bride very many pretty clothes. He put his savings up as a margin, bought a car of calves on credit and went with them to the New Orleans market. The venture made some money, so he continued this procedure until he had accumulated enough money for his wedding.

Both his father and himself saw the wisdom in developing farm land. His father had bought several thousand acres of swamp land among his properties from \$1.00 to \$1.50 per acre. This acreage was not good for grazing. The elder McFaddin reclaimed this useless land by leveling and clearing it. In 1912 a corn crop on this field averaged 70 bushels an acre and cotton about three-fourths of a bale to the acre. J. A. McFaddin also built a levee along the Guadalupe River 12 miles long which reclaimed more than 5,000 acres of overflow land. He paid for these improvements out of his own pocket and built roads and school houses in the newly reclaimed farming areas.

During the first decade of the twentieth century navigation of the Guadalupe was a matter much on the minds of leading Victorians. The Guadalupe River Navigation Company, organized in 1906 by John J. Welder, J. A. McFaddin and Harry E. Rathbone, operated a number of dredgeboats, towboats and barges, engaged in the sand and gravel business. About this time a federal appropriation was received for the purpose of improving the river for navigation and two snagboats were engaged in this work in 1907-8. The federal government authorized the building of a dredge and snagboat at Victoria, the work being done on the eastern bank of the river. This craft was launched May 9th of that year, the boat named the Guadalupe. It was later transferred to Galveston and burned. The work carried on in 1907-8 marked the last time the river was cleared for navigation. United States Army Engineers decided that navigation could not be successfully undertaken without the building of locks and dams.

"Mrs. McFaddin, charitable and kind-hearted, helped her husband achieve his success. She died in 1911 and Colonel McFaddin, as he was affectionately called by his many friends, passed away five years later. These two sturdy Texas pioneers have helped the people of this state to change from a wilderness to a great commonwealth, and they will go down in the history of this state as promoters of law and order, of peace and happiness," says The Trail Drivers of Texas.

Al McFaddin naturally fell into his father's footsteps as the years went by. He had received his ranch training from him and there was no phase of the business that he did not know. He was likewise gifted with the initiative and ability to carry forward his own ideas. Like his father, grandfather and great-grandfather he prospered in his undertakings and had the Midas touch. He became one of the Cattle Kings of the Victoria country, but carried his immense wealth with modesty. Old timers of the coastal country say that he was probably the most popular and best known citizen of his home town during his life time. Noted for his public spirit and generosity, he was in the lead or near the front of every public enterprise for the welfare and advancement of the city, county and state.

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Paul Howard, Howard Ranches, Ringling, Okla., feeds Larro summer and winter.



"We have used Larro 32% Cattle Supplement for the past two years," writes Paul Howard of Howard Ranches, Ringling, Oklahoma. "We winter our range cows and yearlings on 2 lbs. per head a day on native Oklahoma grass. The only hay we feed is during a snowstorm or blizzard.

"This winter we have wintered about 800 cattle on the Larro

Feeds and about 200 on single protein source feeds. The hair on the Larro-fed cattle, at this date March 22, 1951, looks much better than the other cattle.

"We also feed steers the Larro cubes on grass through the summer and get good results. We are very pleased with Larro Feed and its results—summer or winter."



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Buy at the Bullseye!

Although raised in wealth and plenty, he loved calling down those persons who aspired to a display of culture. As for instance, when hearing some young folks complain of having to drink water that was not iced, he said, "Well, I can recollect having many times quenched a burning thirst while working cattle all day in the hot sun, by drinking water from a cow's track in a mud hole."

An instance of his generosity was recalled by an old friend. When the first contingent of Victoria boys to be called to war in 1917 left on the train for the enlistment station in San Antonio he gave each of the dozen or more boys a five dollar gold piece, as those were the golden days in reality. A joke repeated at the time was that among those boys was a member of a prominent family who was well known for his proficiency in gambling. His pockets held his favorite dice and he was said to have won every one of those golden five dollar pieces by the time the train got to Sinton.

Al was known by everyone, rich and poor. To all he was "Mr. Al." Like many leaders among men, his outward personality was of a commanding type, but underneath he was a kindly and genial soul, who would give his last dime if necessary to help a friend. Many of his friends less fortunate had felt the touch of benevolence of this kind hearted man. Big of stature, he was also big of heart.

During McFaddin's life he not only ranched on a large scale as did his father, but was also a promoter of agricultural prosperity and a developer of the state's natural resources. He was especially well informed as to marketing conditions and due to this knowledge his deals in buying and selling cattle were nearly all profitable. He also made a fortune as an early operator in the Beaumont oil field. When oil was discovered at Spindletop he became associated with the late W. C. Tyrell of the Heywood Oil Company, operators in that and other fields.

Oil in commercial quantities was first discovered in Victoria County in June, 1931, by the Texas Company in its No. 3 McFaddin on the James A. McFaddin Estate Ranch in the southern portion of the county. The first deep commercial gas well in the county was completed earlier on the same ranch.

Al McFaddin was unanimously elected the tenth president of the Texas and Southwestern Cattle Raisers Association in 1912. He was nominated by Louis Wortham for this high office. Following are excerpts from Wortham's nominating speech: "You need a great man to occupy the position of president of this Association, a man upon whose worthy shoulders will fall the worthy mantle of his worthy predecessor; a man whose sympathies are with you. The man whom I shall name is a man of big brain, big frame and big purposes. Above all things he is capable of the great quality of masterful leadership; he is capable of leading you to a safe goal through all this agitation affecting the enactment of a code of laws that will protect your interests in this state and that will protect them against the importations of the foreign producer of cattle. We must put in the saddle a man like Al McFaddin of Victoria. A man who is in absolute sympathy with the cowman as an individual. He has ridden the trail with you; he has ridden the rolling prairies of your state and crossed the great stretches of cat-claw and cactus, in that land where the road-runner disputes with the coiled rat-

tiesnake for dominion over the land and the lean, hungry coyote is engaged in a perpetual quarrel with the lobo wolf in the face of impending starvation; he has laid down with you in your sorrows and risen up with you in your joys. He has ridden the lunging bronco at the head of the stampeded herd and sung into their ears amid the beat of hoof and the clash of horns, the weird music of the cowboy song that has stilled them in their mad stampede. He will be with you to the end. I, therefore, nominate him as the human incarnation of the unit of harmony, so far as the cattle raisers of Texas are concerned, to be your next president. Big, broad, splendid, glorious, true, loyal Al McFaddin of the great country of Victoria."

Al had a bad cold at the time and did not make a very long acceptance speech. "I went to the doctor this morning, an old friend of mine. He looked at me and sounded me, put his ear over my heart and finally wrote out a prescription for me. 'Now,' he said, 'you go take this prescription,' (laughter). Then he looked at me as wise as a brindle pup and said, 'I don't want you to laugh or tell any yarns around here while you are in town. Under these conditions I can get you well.' I want to thank you for this honor and I pledge you that as long as I am in the chair I will serve you to the best of my ability and will do everything that I can to further the interests of the Association."

At the 1913 convention President McFaddin said, "It is a noted fact that no cowman can make a speech. He may say things in very strong language but it does not always sound angel-like." Accordingly he did not make the usual president's long address, but plunged into the meat of the Association's accomplishments. "There never was a time in the history of the world when cattle were so high," he said. "The range is in fine shape, the winter is over. Most of the things that have bothered us have almost disappeared. Two years ago the quarantine line of Texas was a source of almost personal combat between one section of the state and the other. The handling of that matter today, you would imagine was a camp meeting, with everybody singing hymns of praise because there is no quarrel now going on among the boys."

"We have been subject to those terrible drouths that come along almost annually," he said, "but now within the last two years, the silo has made its appearance in southern Texas. There has never been a year down there but what we can raise enough feed some way or another to fill one and this is going to make an absolute change in our business in the next five years. We find that the bankers will loan us money to build silos. With the dipping system by which we can cleanse the cattle of ticks, the banks now feel safer in loaning money to cattlemen south of the quarantine line than at any time in our history, and they are surer of getting it back."

"The time is here when we have to increase the number of cattle and the breeding of better cattle is also very essential," he told cowmen. "The time has come when we can sell feeders in all the northern states," he added, "and the men south of the quarantine line should be quick to take advantage of that fact. Begin at once," he urged, "because it means that Texas shall be the breeding ground of the world and the other part of the country shall be the feeding ground. Our corn crop in Texas is often a failure, and



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we cannot depend upon that, but we can breed our cattle here and raise our yearlings here and sell them to Illinois, Iowa, or Indiana or in any other state in the world cheaper than they can, and still make money."

McFaddin was seriously worried about the Free List Bill then before Congress. This bill would permit South American meats on the free list. "I think it is the most serious thing that has confronted the cattlemen in the United States for many years," he warned. "If the packers continue to get cattle on the free list from South America, in five years time it will be good-bye with us and we will not know what to do."

Besides serving as president of the Association he was prominently associated with the Texas Sanitary Commission for many years. He also served as a representative in the Texas legislature for several terms. He was a director of the Victoria National Bank and other financial and business institutions there and elsewhere. Five years before his death he disposed of his cattle to his brother-in-law, W. H. Crain, and nephew, Claude McCan, and retired from all active pursuits, devoting his time to travel. He and his wife made a trip around the world and later a tour of South America.

Claude McCan of Victoria says his Uncle Al was first, last and always a Brahman man. McFaddin proved this when he made an enthusiastic speech on Brahman cattle before the Texas and Southwestern Cattle Raisers Convention in El Paso in 1923.

McFaddin said that three Brahman bulls shipped to a planter named Barrow in Louisiana, by an English friend, were the first of these sacred Indian cattle to be imported to the United States. However, there were millions of them in India where they originated, and where they had been worshipped as a holy animal for thousands of years.

"In those pre-Civil War days, plantation owners worked oxen on their vast estates," he explained. The Brahman bulls were imported to cross with the Louisiana cows to make bigger and sturdier draft animals. It was learned later by accident that they were also good beef animals," he continued.

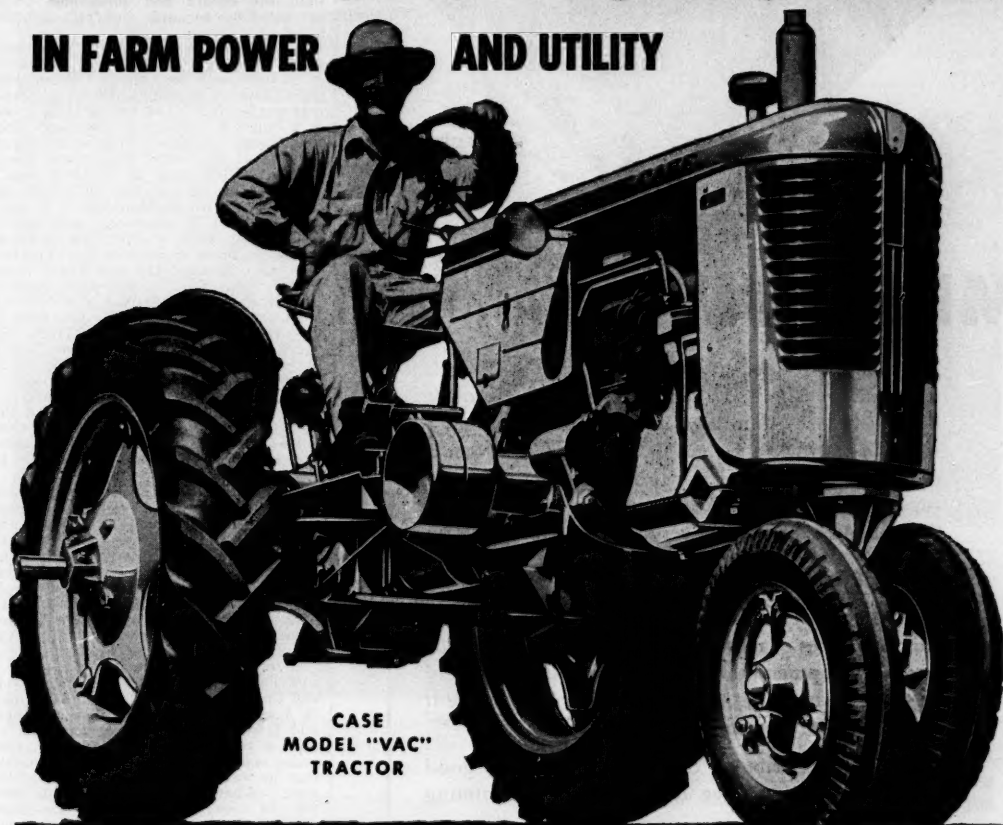
"Colonel Shannon, an old Texas Ranger buddy of my father, ran across some of these cattle in Louisiana during the Civil War when he was hunting beef for the soldiers. He said these cattle were fat, while the other breeds encountered were scraggy. The animals were slaughtered for food and their meat was fine.

"After the war Shannon accumulated a small herd of these yearlings in Louisiana," Al said, "and wrote father about them. Father had fenced some of his land by this time and was experimenting with several new breeds of cattle, among them the Durhams. He decided to buy a Brahman from his old friend for \$150. You should have heard the boys make fun of that black Brahman bull when they saw it on our ranch! I was just sixteen years of age and their banter got the best of me too because I didn't think there was much to the bull and neither did father. The cowboys made fun of the hump on its back. 'Don't let him get out, or he is dead, sure—don't let him come around my ranch,' they said.

"Colonel Shannon sold a few more Brahmans in the coastal country of Texas," Al told cattlemen, "until there were probably 30 head scattered from Galveston to Beeville and nobody paid much

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TRACTOR

There's no tractor that can help you so much with so many farm jobs as the improved Case "VAC." Besides all your regular field work you can pull posts, dig postholes and stretch fence . . . latch onto hammer mill and go grinding . . . carry feed to cows and bring back milk—all with no heavy lifting. You can load manure, scald hogs; saw trees down and cut logs up. You can clear away snow, grade a road, dig a pond. Try the new short turning of the "VAC," and its extra easy steering. Notice its added clearance, extra traction. See how its lugging power takes you through hard pulls and soft spots where you'd be stuck if you stopped to shift gears. It's the big bargain any way you look at it.

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Ask your Case dealer to demonstrate the "VAC." See how much it gives you in sure-footed traction; extra lugging power, actual working speed, easy riding and easy handling. See him about it now.

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Your Dow distributor can help you plan a good mesquite program! See him soon. Proper timing is important!

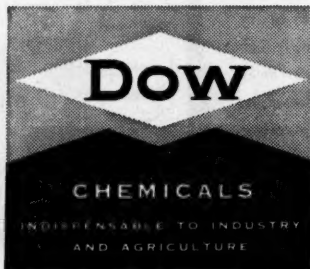
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attention to them. This was the beginning of the Brahman in Texas."

"Every now and again I would find two or three animals in my pasture with Brahman blood in them," he recalled. "Sometimes they were calves, sometimes cows and sometimes steers. I saw these cattle weighed in New Orleans and they always topped the market. They would weigh from forty to fifty pounds more than the others and sometimes from seventy-five to one hundred pounds more."

"We've got to begin taking good care of these Brahman cattle," I told my father. "I have seen them tested." From that time I started locating and buying Brahman cattle. If I found two or three cows in a bunch I would buy them and send them home. It was a hard uphill fight because at this time there were practically no Brahman in Texas to buy."

Al went on to tell how he bought 23 head from a Mr. Montgomery in Mississippi. Albert Montgomery, this man's son, a commission man in New Orleans, and Miles Frost of Houston had imported two bulls, Richard 111 and Kedah from India. "They found a half-breed cow in Louisiana and had started a little herd out in the flat and raised a few cattle," he said. "Then Montgomery took his share of the animals to Louisiana. After his death his father inherited the cattle and had them shipped to Starksville, Mississippi. He was an old man and did not care to experiment further with the animals. He learned in New Orleans that I was interested in buying Brahman and wrote and asked me if I wanted to buy the herd."

Al said that he wanted to buy them but didn't have the money. He recalled that he went to Tobe White of Victoria and asked him if he would go in with him on the deal. White agreed and the herd was bought and divided. "He took the first eight cows and the best bull and I got the rest," McFaddin said. "My wife and I got on our horses and drove those cattle to the pasture. That was the beginning of our Brahman herd," he told convention delegates.

McFaddin increased his Brahman herds and finally had about 100 Brahman cows. "I didn't have any place to carry them and I wanted to go to Europe and be gone a year. I sold them to my father under one condition. I made him promise that he would never sell a cow out of the herd. 'What are you going to do with the old ones?' he asked me. Let them die right here, I replied. They are going to stay here and if I ever come back and go into the cattle business again I want that herd of cattle."

In the same address McFaddin told about visiting the St. Louis Exposition in 1904. "I walked around and looked at the tigers, the panthers and the monkeys in the Hagenbach menagerie," he said. "Then I went up to a big cage and there was a Brahman bull in it, and a cow that had been imported to this country by Hagenbach. I went around and hunted up Mr. Hagenbach and asked him, 'How long have you had that bull?'"

"Ever since the fair started," he replied.

"Are you going to send him back to India?"

"No."

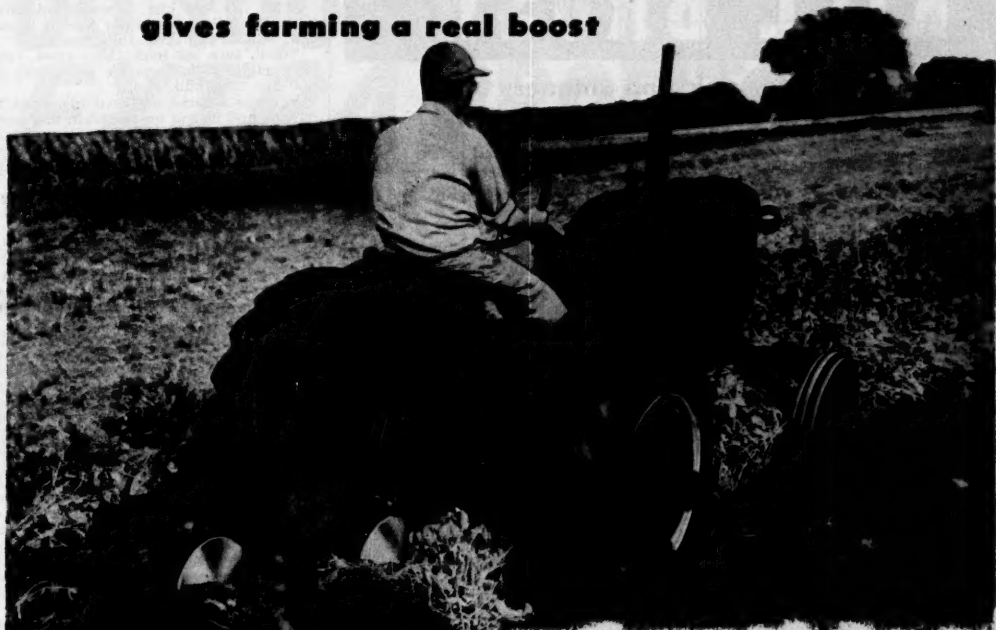
"I want him. What do you want for him?"

"It will take one thousand dollars a piece to get the cow and the bull," Hagenbach replied."

Al says he got on the train and went home and said to his father, "Go up to

LIVE WEIGHT TRACTION

gives farming a real boost



ALLIS-CHALMERS
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.



Now you can smile when the farming load is heavy and your field work calls for more power. Feel the surging pull in your CA or WD Tractor when *live-weight* traction takes hold! It's almost like having a neighbor's tractor come in and help you out.

The hydraulic TRACTION BOOSTER in the Allis-Chalmers CA and WD Tractors changes dead-weight to *live*weight. Weight of both tractor and implement is automatically shifted to bear down on the drive wheels when the soil is stubborn and the tillage is tough.

The automatic TRACTION BOOSTER reduces fuel-wasting wheel slippage and tire wear. It enables you to do drawbar jobs with mounted tools that would normally require a heavier tractor.

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Engine power spaces rear wheels instantly for any width rows or furrows. Power spacing and A-C Quick-Hitch Implements shorten get-ready time to *minutes*.

TWO-CLUTCH control gives "extra-engine" convenience for all power take-off work. Auxiliary hand clutch stops forward motion while power line remains live. Optional on CA (above); standard on WD (left).

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**Kill mesquite, oak and shinnery . . .
increase your range and profits!**

Stull's Brush Killers, 2,4-D and 2,4,5-T are effective and economical when applied either by hand, power or aerial spraying. Stull's patented and exclusive penetrating carrier-agent means root kill—therefore a complete kill—promoting grass growth.

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Mesquite and oak brush
prevents grazing and
kills off much of the range.



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The fast-acting action of Stull's
Brush Killers turns waste brush
into profitable grazing range.

*Photographs made on the Kallison ranch near San Antonio.

Write for complete details on control of brush with Stull's 2,4-D and 2,4,5-T Brush Killers.

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117 Humble Avenue

San Antonio, Texas

St. Louis and buy that bull and put him with that herd."

The elder McFaddin asked his son, "What can I buy him for?"

When Al told him it would take one thousand dollars his father replied, "Good God, son, do you think I am crazy?"

"Well, turn me back those cows, turn them right on back to me and I will go and buy that bull."

"Father assured me he didn't want to do this and he got on the train and went to St. Louis and about four days later I got a telegram reading like this, 'Send your Uncle Albert Harper up, I have bought that bull and cow.'"

Al recalled that this bull, named Prince, was the nicest animal he ever bought, the most docile and gentle. Anyone could go up to him and pat him, he said. He recalled that the cow was just the opposite, wild and untamed and died shortly after she came to the ranch. Prince lived to be an old bull and fathered the McFaddin herd of Brahman.

McFaddin recalled how Mr. Thomas O'Connor, who had a pasture on either side of them fifty miles long, would come over and try to buy their Brahman herd of cattle. "I am never going to sell that herd, I am going to keep it," I told him. He then took up the matter with Mr. Borden who went to India and brought back a herd of some thirty cattle.

Al told the cattlemen how Joseph F. Green "had to eat his own medicine" after writing an article in The Cattleman and "devoting a good deal of that article to talking about the Brahman. He said that no man should use them; that they were like Bengal tigers, that they were no good in the feed lots," Al said with a twinkle in his eye.

"Green came to me last fall," he continued, "and said, 'Al, I want to get a Brahman bull.' I told him that I didn't have one on earth to sell. 'I want one,' he urged."

"You wrote the meanest article I ever knew a man to write without foundation," I told him. "I want to punish you and let you lose a little more money."

"If you will let me have a bull I will put him with my registered Durham cows," he promised.

"I won't sell you one at all, but if you will put him with that bunch of registered cows, I will loan you one."

"Ship him to me," he requested.

"I shipped the bull down there. This year a special train ran up and down Aransas Pass demonstrating the products of the country and Green had a registered Durham cow and a Brahman bull on that train. He also went over to Borden and bought ninety-two head from him. It's hard for a man to do that—one who has raised registered cattle and shown them all over the world, and Green told me, 'Al, that is the bitterest pill I ever had to swallow in my life'."

"Mr. Kleberg who lives fifty miles from me, spent two-thirds of his life building up two of the finest herds of cattle in Texas," Al continued. "One was a Hereford herd and one was a Durham herd. He was very proud of them. I was at his ranch three years ago and he said, 'Al, I don't know but what I am almost a failure'."

"Why?" I asked him.

"I have spent my whole time building up the finest herd of cattle that money could buy and your boys come in here and put spotted and brindle Brahman in the pen and out-feed me. I don't know what I am going to do."

"Get in line," I told him.

"It looks like I am going to have to do

DO YOU WANT EXTRA PROFITS FROM YOUR NEXT CALF CROP..

As a successful livestock raiser you are probably aware that the breeding cycle is a tremendous drain on your bred cows... but do you know whether your cows will be able to supply the demands of the calves they are carrying? Can you be assured of above-average calf crops next year from the same cows or do you lose some of your best cows from the breeding herd after each calf crop?

The time to begin cashing in on the profits of next year's calf crop is right now. Build up the mother cows so they in turn can produce healthy offspring and can return to the breeding herd without a lapse of a year. Your profits are measured in number of calves and the weight of those calves at market... so start now the way more and more successful livestock raisers have increased their profits and add VIT-A-WAY to your feeding program.

Give your calves the extra nutritional balance they need... start at breeding time and keep VIT-A-WAY before all your animals right up to market time... and you'll be the winner in healthier, heavier animals, greater resistance to nutritional disturbances, better calf crops year after year (continuing scientific research has shown that the effects of better nutrition are cumulative... helping you to build, stronger herds year after year.)

With VIT-A-WAY you supply those animals with the right combination of essential minerals and vitamins in an available form (that means they'll go to work when they get into the animal's system.)

Start NOW to use VIT-A-WAY. The difference will amaze you... watch your profits go UP.

IT HAS BEEN PROVEN REPEATEDLY THAT SOME OF THE BENEFITS FORMERLY THOUGHT TO HAVE BEEN ACCOMPLISHED BY HIGHER PROTEINS ALONE... in our range grasses and feedstuffs... ARE ACTUALLY ACCOMPLISHED BY THE VITAMINS AND MINERALS! FOR A SCIENTIFICALLY BALANCED COMBINATION OF ESSENTIAL VITAMINS AND MINERALS—TRY VIT-A-WAY—SEE THE DIFFERENCE FOR YOURSELF!

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"The conditions were as severe as they have ever been in this country. After my cows started eating a VIT-A-WAY, Cottonseed Meal and Salt mixture, I do not know of one calf that was lost due to abortion. I do not know of one cow that had the scours due to eating the above mixture.

I had a calf crop of 85.6% last year, which any person anywhere will tell you is excellent for any country. We have been on this ranch 20 years. For fifteen years before starting to use VIT-A-WAY my calf crop averaged 70%. Since starting to use VIT-A-WAY six years ago I have never run under 85%."

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DAIRY COWS
HOGS
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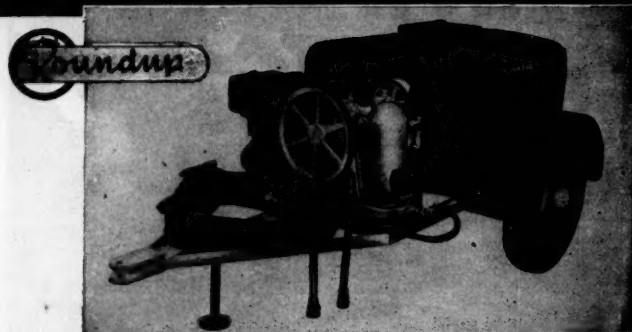
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STOCK PROFITS**



Regardless of the feed you are using keep VIT-A-WAY in front of your animals all year round.

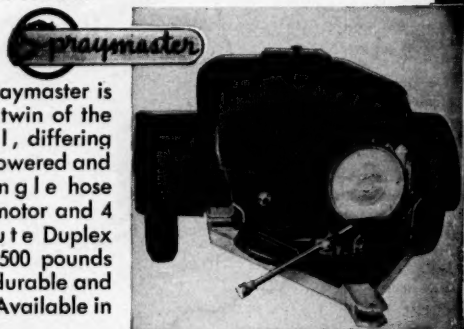
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Ready action in the Rowland Roundup. Powerful, sturdy and efficient. 6-HP motor handles 7 gallon per minute Duplex pump at 400 to 500 pounds pressure without effort. 150 gallon treated tank, car width axle. Two 50 Ft. high pressure hose and two Deluxe Trigger nozzles. Complete and ready to go on any size herd. A popular firefighter in the ranching field. Available in trailer or skid.



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The Rowland Spraymaster is a work-horse twin of the Roundup model, differing only in that it is powered and equipped for single hose spraying. 4-HP motor and 4 gallon per minute Duplex pump at 400 to 500 pounds pressure. Neat, durable and goes anywhere. Available in trailer or skid.



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Our Utility model is an all purpose economy Sprayer. 75 gal. tank, 3 gallons per minute Duplex Plunger pump, 1½-HP Engine, 50 Ft. high pressure hose, adjustable nozzle for fog or stream. Available in trailer or skid.

Best Tractor Sprayer on the market. 400 lb. pressure, 5 minute hook-up. Livestock, trees, weeds or fires.



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1. National reputation for quality and price.
2. Cheaper because we sell direct.
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Write for descriptive literature.

ROWLAND & GORDON CO.

it, they are outselling me nine dollars a head," he replied.

"I told him that I didn't have any cattle of the right age to sell him, and advised him to go and see Mr. Borden. He went over there and bought forty head. I have since sold him 56 head. Today on the King ranch they have 1,000 cows with Brahman blood in them."

McFaddin told the cattlemen present that they, too, should go in for Brahman. "It is not a question of liking the cattle. It is a question of making money for us," he assured them. "Since we have made the change to these cattle we are making twice as much money. Put these cattle in the feed lot with any known cattle and they will get fat 25 days quicker than the other cattle. A two-year-old steer with three-eighths Brahman in him will outweigh the other 85 pounds on a general average all the year around on the range. Brahman cattle can walk a long distance, eight or ten miles to water and carry a calf by their side. It never gets too hot for a Brahman to hunt the shade," he continued, "and when it comes to fattening they can go out and eat old grass and keep in fine shape. I never think of finding screw worms in my herds any more."

He told cowmen that he thought range cows should have at least three-eighths Brahman blood, and not over one half. He said that he did not have a bull on the ranch that did not have three-quarters Brahman in him. "Get as many registered Herefords in this country as you can. Put them with the Brahman. You will improve your cattle. There is no question about it," he concluded.

Al McFaddin died suddenly in 1930 at the age of 67. He and Mrs. McFaddin had just returned from a visit in Mineral Wells. Funeral services were held at his Victoria residence and cars were lined along the street for blocks while the sidewalks were thronged with mourners unable to gain admission to the home. Among prominent persons attending was the governor of Texas.

The late Dr. William States Jacobs of Houston conducted the services and had the following tribute to pay to his old friend: "Al McFaddin approached his problems from the front. He caught them by the horn and grappled them to victory. His was a successful life. The fortune he accumulated was a by-product of it and not the main object. His mind and character were such that he could, with training, have filled any position to which men are called. The main characteristic of this man was that he was a man. Men may make merchants, bankers, senators, governors and presidents of themselves, but only God can make a man. His was a towering personality. He had the frame and face of a Viking. When shall we ever forget the merriment of his ringing laughter or the good fellowship of his gleaming smile?"

All public offices and business houses closed and district court in session at Cuero adjourned so that its members could attend the funeral. Burial was in the Evergreen Cemetery two miles from the city. He was survived by his wife, the former Miss Ada Pettus of Goliad whom he married in 1888. She passed away in 1950.

Big hearted Mr. Al has joined the great round-up with many other fine old cowmen of Texas. Yet their names and their deeds will live after them as long as Texas breezes blow and honest Americans follow in their footsteps.

1906 **IMPORTANT ANNOUNCEMENT** 1952

For the FIRST TIME in history

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OFFERS FOR SALE at PRIVATE TREATY

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FULLBLOOD AA (100%) BRAHMAN BULLS

Two years old—coming 3's. Direct descendants of Pierce Estate Famous Brahman importation of 1906 from India.



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The Pierce Estate has zealously bred and developed these fullblood Brahman cattle until we now have a sizeable herd. During past years we have had use for all surplus fullblood bulls with our own large herd of commercial cattle. This fullblood AA herd has now developed and increased to the point that we have decided to offer for the first time a limited number of our good two-year-old bulls. (No females offered at this time.)

These bulls carry concentrated Pierce Estate Brahman breeding and we sincerely believe they will afford successful purchasers a splendid opportunity to improve their cattle and bloodlines by capitalizing on this offering and obtaining some of this well-known breeding.

Bulls located and may be seen at Pierce Ranch Headquarters, Pierce, Texas.

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PIERCE (Wharton County), TEXAS

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More Than 500,000 Tons of Scrap Metal Collected From Farms

THE farm scrap collection drive announced September 11 by Secretary of Agriculture Charles F. Brannan has already yielded 528,000 tons of scrap metal, according to reports turned in so far by State Agricultural Mobilization Committees. The half-million figure is based largely on collections made during the four-week period from October 15 to November 15.

In several states, because of bad weather or the rush of other work during the scrap drive, the campaign was extended for another month and a large number of states report that the momentum of the drive will continue to bring scrap in at an above-normal rate for many months to come. Consequently, it is conservatively estimated that at least a million tons of scrap will be rounded up as a direct result of the drive.

In commenting on the result of the scrap collection campaign, Secretary Brannan stated that "The good results indicated for the farm scrap drive are symbolic of the fine effort by hundreds of thousands of farmers in making this extremely tangible contribution to our defense program. We are also deeply thankful," he said, "to the State and County Agricultural Mobilization Committees throughout the country who spearheaded the drive and to such local groups as the Boy Scouts, 4-H Clubs, Future Farmers of America, various civic clubs, and the church and school groups who took an aggressive part in making the scrap drive a success."

Defense Mobilization Director Charles E. Wilson has expressed the hope that "this work will be continued with the same vigor and determination thus far exhibited. Please express my sincere appreciation," he said, "to those participating in this campaign."

If the million-ton expectations are realized, it will contribute more than three-fourths of the scrap required to produce the steel that goes into one year's output of new farm machinery. This scrap metal, which is 50 per cent of the ingredient of steel, not only improves the quality of steel, but it reduces the costs and time of the steel refining process.

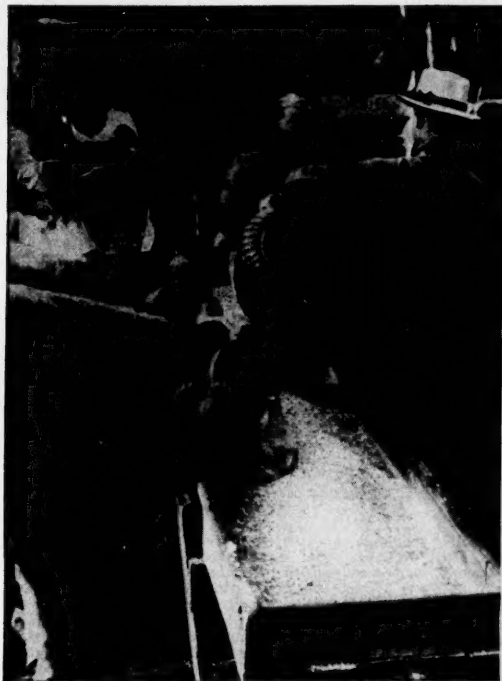
Of the 528,000 tons of scrap salvaged up to this time, approximately 270,000 tons came from these ten states: From Iowa and Wisconsin, 50,000 tons each; Minnesota, 28,000 tons; Texas, 27,000; Kentucky, 25,000; Ohio, 22,000; Michigan, 19,000; North Carolina, 17,000; Illinois, 16,500; and Nebraska, 15,000 tons. The scrap yield from other states ranged from 750 tons in Rhode Island to about 13,000 tons in North Dakota. The highest yielding single counties were Hennepin County, Minn., and Etowah County, Ala., with 4,500 and 3,500 tons, respectively.

Although the intensified "campaign" phase of the farm scrap collection program is over, farmers and ranchers are urged to continue to turn in their worn out machinery, tools, or metal parts that have no further practical use on the farm.

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Theft Losses
Down!



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There's a good reason for the formula changes in your favorite feeds the past few years. For your feed manufacturer is quick to give you the benefits of new developments that make improved feeds possible.

One of the most important advances in mixed feeds is a concentrated new source of protein for cattle and sheep. In fact, it's the most concentrated source of protein available, for it provides 5 to 8 times more protein value than the usual protein feedstuff. This new ingredient is Du Pont "Two-Sixty-Two" feed compound, which contains pure, white crystalline urea.

"Two-Sixty-Two" enables your feed manufacturer to make room in each ton of feed for hundreds of extra pounds of energy feeds and essential minerals. Research by Du Pont and by state experiment stations as well as feed manufacturers shows that "Two-Sixty-Two" in a feed helps cattle and sheep to digest roughage better.

Each year nearly a million tons of beef, dairy and sheep feeds and concentrates are made with "Two-Sixty-Two" as a source of part of the protein. Because of this widespread demand, not all feed manufacturers can give you its benefits in all the lines of feed they

manufacture. But when you see the words "equivalent protein from non-protein nitrogen" on the feed you buy, you know your supplier is making use of an outstanding new advance in animal nutrition to give you more for your feed dollar.

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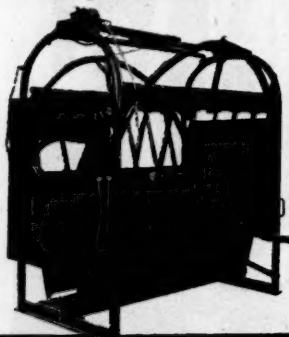


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...THROUGH CHEMISTRY

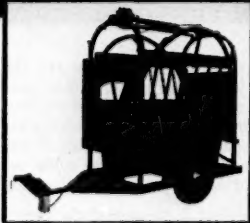
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CHUCKWAGON

By CHARLIE, the cook

"Which one o' you cowpokes wanted more salt in your stew?"



BEN COOPER of Mobile, Alabama, after reading some of the little essays in this department, writes to me like this:

"It is evident that it takes hearty food to build men out in the cattle country. I guess you've always got to remember that there ain't no red corpuscles in meringue."



And so Mr. Cooper, who does a lot of cooking with herbs (in fact, grows a lot of his own herbs) sends in a prescription he likes

to use come hog-killing time. It's for Fresh Pork Ham, and it's done like this:

Put the meat in a heavy aluminum roaster or Dutch oven that has a tight-fitting lid. Pour over the meat a half cup of sauteur or red wine and half a cup of water. Sprinkle with smoked salt, pepper, thyme, marjoram, rosemary, a teaspoon of sugar, one clove of garlic mashed by a garlic press. Stick three whole cloves in the top of the meat and drop four whole cloves in the bottom of the pan with two or three bay leaves. Place another bay leaf on the top of the ham, cover and cook over a low flame, on the top of the stove, until the meat is tender, turning if necessary to cook evenly.

Thanks, Brother Cooper! After trying this, we're willing to skip meringue for a long, long while.

And just to reciprocate, we'll jot down next a formula for Spiced Beef with which Mrs. Charlie won loud plaudits the other night when company came to take potluck. Here's the pitch:

Buy a four-pound piece of lean beef in one chunk—rump, chuck or round. Wipe meat with a damp cloth and skewer or tie in shape. Place it in a crockery or glass dish deep enough to hold the meat without crowding. Sprinkle with salt and pepper on all sides, then add two cups wine vinegar, one sliced onion, two crumbled bay leaves, a dozen peppercorns and four whole cloves. Add enough

water to cover the meat, cover tightly, and store in cold place for three days, turning the beef once each day. After this marinating period lift out the meat and drain it. Strain out the spices but don't discard the liquid. Then, in a heavy skillet or Dutch oven, melt two or three tablespoons of fat, and brown meat on all sides in this hot fat. Add six medium carrots scraped and cut into strips, six medium onions peeled and sliced thin, and one cup of the spiced vinegar.

Now, cover tightly and simmer over low heat until the beef is tender, usually about three hours. Then add more of the spiced vinegar as needed to keep a full cup of liquid in the kettle. When meat is done lift it onto hot platter and keep it hot. Skim off excess fat from the broth, and add to this broth one tablespoon sugar and six crumbled ginger-snaps. Stir while cooking until sauce is thick. If it gets too thick add a little more of the spiced vinegar and taste to see if more sugar is needed. Serve with potato dumplings or buttered wide noodles.

It's a rare occasion when any kind of meat, especially beef, becomes a leftover at our house, but when that does happen we can always handle the situation with this excellent recipe for Creamed Meat in Rice Ring:

INGREDIENTS: Three tablespoons of butter or margarine, two tablespoons flour, three-fourths teaspoon salt, pepper, one-fourth teaspoon nutmeg, one cup scalded milk, one-half cup meat stock, two beaten egg yolks, one tablespoon lemon juice, two cups of diced leftover meat, one-half cup of diced raw celery, dash of cayenne or Tabasco sauce, hot boiled rice, poppy seed.

METHOD: Melt the butter or margarine, stir in flour, salt, pepper and nutmeg. Add milk and stock gradually while stirring over a low heat until sauce boils. Stir a little of the hot sauce into the beaten egg yolks and blend the mixture with the remaining sauce. Add lemon juice, meat and celery, with a dash of the cayenne or Tabasco. Heat and serve surrounded by hot rice which has been mixed liberally with poppy seeds.

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Fort Worth, Texas

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Yours truly,

J. Albert Tadlock, Jr.
J. Albert Tadlock, Jr.

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For those folks who dote on hamburgers and barbecue sandwiches (and they are legion) here's a new twist—home-made buns for same with built-in onions. Here's how they're manufactured:

Combine one-half cup scalded milk, one-fourth cup shortening, one tablespoon of sugar, one and one-half teaspoons salt. Cool to lukewarm by adding one-half cup water. Then add one cake of compressed yeast, crumbled (or one package of dry granular yeast dissolved as directed on package). Mix well, and blend in one egg, three-fourths cup chopped onions which have been lightly browned in butter. Add gradually three cups sifted flour and mix well. Cover and let stand for 15 minutes.

Square buns are made by rolling or patting dough into 12 by 9 inch rectangles, and then cutting into 12 three-inch squares. Place on greased baking sheet. For round buns roll the same as for the squares and cut with any round cutter to size desired. For frankfurter style buns divide dough into 12 parts and shape into long, narrow buns. Let rise in warm place (85 to 90 degrees) until double in bulk. Then bake in moderately hot (400) oven for 15 minutes.

Got a good recipe you'd like to share with the neighbors? If so, send it to Charlie the Cook, care of The Cattleman. Or, if there's any particular recipe you'd like to have, ask Charlie. He'll round it up for you.

I enjoy the stories of the olden times, also poems. Wish you could have more of such.—Mrs. W. C. Specht, New Braunfels, Texas.

Dr. Byron T. Shaw Appointed Administrator of ARA

APPPOINTMENT of Dr. Byron T. Shaw as administrator of the Department's Agricultural Research Administration was announced recently by Secretary of Agriculture Charles F. Brannan.

Dr. Shaw succeeds Dr. P. V. Cardon, current administrator of ARA and international authority on research, who retired December 31 following a career of 42 years as researcher, teacher and administrator. In addition to his other duties, he has been active in helping plan the agricultural programs of the Food and Agriculture Organization of the United Nations. He has attended most of the FAO conferences as special advisor. Dr. Cardon will become assistant director of the USDA Graduate School.

Dr. Shaw has been deputy administrator of ARA for nearly three and a half years, having been appointed to that position in August, 1948. He had served as assistant administrator of ARA since early 1947.

Dr. Shaw grew up on irrigated farms in Utah and Idaho. He spent his summers during high school and college years either on the farm or on the ranges of southern Idaho, herding the family's flock of sheep. During the summers of 1935, 1936, and 1937, he was employed as county supervisor of farm mapping and acreage measurement in the Agriculture Conservation Program.

He did undergraduate work at Utah State College and graduate work at Southern California and Ohio State University, where he received the Ph. D. degree, majoring in soil physics. Follow-

ing his graduate work, he worked briefly at the California Experiment Station and then returned to Ohio State as associate professor of soils, specializing in soil physics and the influence of cropping systems on the maintenance of soil productivity.

Dr. Shaw left Ohio State to become a soils specialist in the Department, where he was in charge of soil management and irrigation investigations. This work concerned the studies of farming systems in all parts of the United States. The objective was to develop systems of soil management that would allow maximum yields without depleting soil productivity.

Dr. Shaw has written many papers on soil physics, soil management, fertilizer use and research methods. Since 1942 he has served as Chairman of the Joint Committee on Soil Tillage and Tillage, of the American Society of Agronomy and the American Society of Agricultural Engineers.

Set Dates for Osage County Cattlemen's Meet and Tour

J. B. SMITH, president of the Osage County Cattlemen's Association, has announced that June 27-28 have been set as the dates for the 18th annual association convention and ranch tour. The convention will be held June 27 at the Duncan Hotel in Pawhuska and the tour will be held the following day.

With livestock numbers increasing, still larger crops of feed grains will be needed to replenish reserve supplies which are expected to be lowered by this season's feeding needs.

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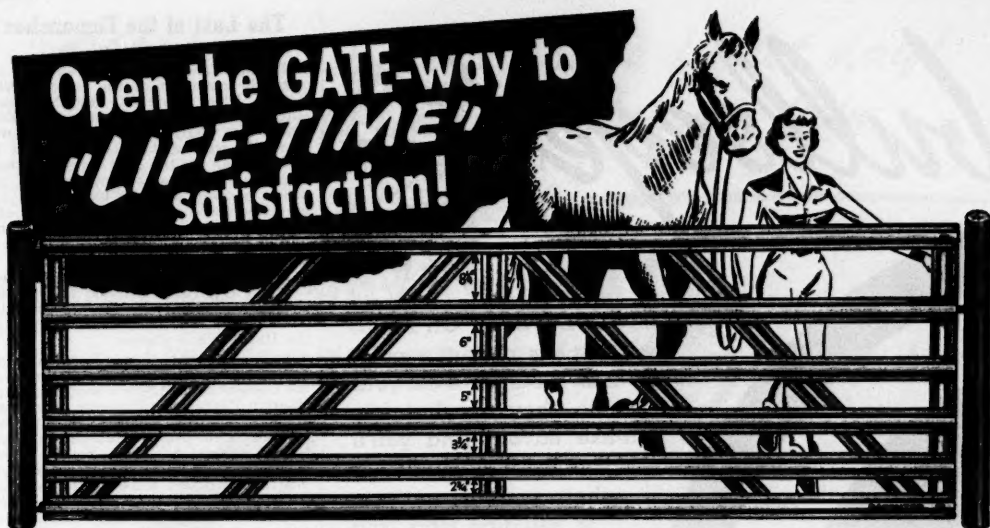
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The Last of the Comanches

(Continued from Page 23)

Juan Hill, Theodore Roosevelt had become the governor of the state of New York. The Roosevelt Rough Riders staged a three-day celebration in Oklahoma City and, of course, T. R. was there. It was on this occasion that he saw Quanah for the first time, and there was that indefinable something in the proud bearing of the Chief of the Comanches, as he rode out at the head of a band of Indians to take part in the big parade, that captured the admiration of the redoubtable Colonel.

Shortly thereafter, the Colonel was elected Vice-President of the United States, and then, with the assassination of McKinley, Theodore Roosevelt became the Great White Father.

In his second term, Roosevelt laid aside the Big Stock briefly to return to the Comanche lands for a wolf hunt with Quanah Parker, the Burnetts, Dan Waggoner, Jack Abernathy, who later became United States Marshal in Oklahoma, General S. B. M. Young, known to the Comanches as "War Bonnet" and others. A rugged phase of this occasion was the one-man rodeo staged by Abernathy, whose favorite stunt was to overtake a running wolf, then to slide off his horse and seize the wolf by the lower jaw, turning him over and holding him down until he could be tied up with ropes or wire.

This was highly diverting, not only to the President, but to the three wives Quanah had brought along in a wagon. A certain rule, invoked by the Commissioner of Indian Affairs, had been causing the President a little concern for a long time. It was that the Indian custom of plural wives should cease, and that those who had more than one wife must choose which he would keep and send the others away.

On one of Quanah's visit to the nation's Capitol, before the wolf hunt, the President delegated to Ethan Hitchcock, the Secretary of the Interior, the difficult and delicate duty of bringing the matter to Quanah's attention. Hitchcock called the Chief aside and told him, "Now, when you get back home pick out the wife you want and tell the others to go back to their people!"

Quanah looked up at the Secretary first in amazement and then with great sadness. "I love my wives," he said. "All of them. And they love me and we and our children are happy together."

"But, you are the Chief," the Secretary replied. "You must set the example. Tell all but one of your wives to go away!"

Quanah sat for a moment in profound thought. Then his eyes twinkled as he turned to the Secretary and said, "You tell 'em!"

No one ever did. Quanah's curiosity about the outside world took him to Mexico on two occasions, to New Orleans, and other places. Many distinguished visitors journeyed to Quanah's home out in the Big Pasture of the Comanche lands, to learn more concerning this half-breed Indian who, from such lowly and unpromising beginnings, had achieved public esteem and great honors. Among them was Viscount James Bryce, the British Ambassador.

In his adjustment to the white man's world, Quanah found inspiration in lone, ambulatory tours of the imposing buildings in the city of Washington, and of its impressive monuments to great warriors and statesmen. Of all his heroes,

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Quannah most greatly admired General Washington. He never tired of hearing of the exploits of the Father of his Country, and Quannah often said that he, too, was a father to his people. He desired that his own monument should be a replica, however small, of the stately memorial to Washington.

On his last visit to the Capitol, Quannah stood for a long time in the wintry wind before the tall shaft that lifted skyward above the bleak, leafless trees. "... first in war, first in peace, and first in the hearts of his countrymen!" Quannah found no difficulty in identifying himself with each exalted status: had he not distinguished himself in war, had he not made great sacrifices for peace, and was he not foremost in the affections of his people?

A slow smile of contentment spread across the deeply etched bronze of his face as he squared his shoulders and, clutching the collar of his coat more closely about him, turned to walk thoughtfully away. Tomorrow he was returning to the broad acres of the Big Pasture, the sprawling house under the enormous white stars, his wives and his children, to live out his days as a patriarch should—in honor and in peace.

Corn Hybrids Must Be Improved

CORN farmers will need hybrids that produce from 6 to 10 bushels more per acre than those now grown, if present-day hybrid corn is to meet the demands of tomorrow's population, a U. S. Department of Agriculture corn breeder says. They also will need more fertilizer, more efficient soil management, and better pest control.

The corn specialist, Dr. Merle T. Jenkins, in sizing up the corn breeder's job for the next few years, said much more basic research is needed. Dr. Jenkins has been a leader in the development and distribution of adapted hybrids.

He bases his estimates of future corn needs on expected growth of the U. S. population. The production of food and feed must keep pace with population growth if present living standards are maintained. He points out that since the amount of land available for corn production is limited to not more than 90 million acres, the increased production must come mostly from larger average yields. Corn production in 1951 has been estimated by the USDA at 2,941,423,000 bushels from 81,306,000 acres.

This means a big job ahead for the corn breeders, about equal to what they accomplished in introducing and distributing hybrid corn. Today's average yields (not quite 35 bushels an acre in 1941-50) are 10 bushels an acre more than those in the 10-year period (1924-33) before hybrid corn was widely grown.

Present yields, according to Dr. Jenkins, are due to the fact that hybrid corn has no barren stalks, rather than to hybrid vigor. To increase yields, the plant breeder must have a clearer understanding of the nature and cause of hybrid vigor. To meet specific production problems, he also needs more information on how individual inbred lines respond to different plant nutrients, on the genetics of resistance to disease such as northern leaf blights, stalk rots, and smut, to insects such as corn borer, ear worm, and to root worm, and to weather hazards, particularly drought.

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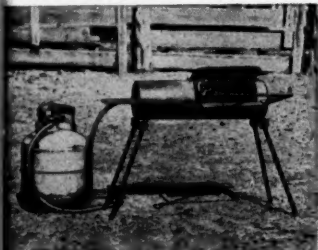
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HENRIETTA, TEXAS

The Foot-and-Mouth Campaign in Mexico

An Address by Dr. L. R. Noyes, Co-Director, Mexico-United States Commission for the Eradication of Foot-and-Mouth Disease, at the Annual Meeting of the American National Cattlemen's Assn., Fort Worth, Texas, January 8, 1952.

THE existence of foot-and-mouth disease was officially diagnosed in Mexico in December, 1946. The campaign against it, as most of you know, has been carried out in three stages.

The first stage, all-out eradication of infected and contact animals, was started by the Mexican Government and was continued as a joint effort by Mexico and the United States. This method was recognized by both countries as the only one which was known to result in complete eradication of the disease. Nearly one million animals were eradicated in this stage of the program, which ended November 26, 1947.

The second stage was that of inspection, vaccination, and eradication, which began December 1, 1947, and continued to the end of July, 1950. During this stage more than 60 million doses of vaccine were administered and all actively infected and contact animals were eliminated, to the number of 10,362. The benefit of vaccination to an eradication program is still a debatable question.

The third and present stage is that of inspection and cooperation by the people, with eradication of active infection wherever it appears. This stage began in August 1950 and, unless something unforeseen crops up, will continue to the end of the program.

Through all three stages, of course, the Commission has maintained north and south quarantine lines and has done effective quarantine and disinfection work, with the help of the Mexican Army.

The terrain over which we operate in middle Mexico is one of our main problems. It covers an area of 172,598 square miles, a little larger than the combined areas of Arizona and Florida. It reaches from sea level on the Gulf and Pacific coasts to an altitude of 18,546 feet on the snow-capped summit of Orizaba Peak, highest elevation in Mexico. In the low jungle countries where the only highways are rivers and estuaries, our veterinarians and livestock inspectors ride boats instead of horses. Wherever susceptible cloven-footed animals range, there our people go, in an area reaching 700 air miles from east to west and 375 air miles from north to south.

There is a thin network of good highways in this zone, but we reach most of the territory by jeeps, power-wagons, horses, saddle-mules, and small boats propelled by outboard motors. And, we exercise further control over this difficult terrain by a radio network connecting nine districts, 30 areas, and 300 sectors.

The United States started to work in Mexico in April 1947 with about half a dozen people. We had a big job to do, for the disease had spread through 16 States and the Federal District, and it was several months before we could bring the combined strength of the two countries to bear on it. By December 1949 we had built up a force of 8,204 people, Mexican, American, and Joint Commission. From that point on we began to reduce our manpower, heavily but with care, bearing in mind possible emergen-

cies. A year later we had 2,580 employees. We are now operating with 1,755 employees, fewer than we have had at any time since the early part of the program. We are now, and have been for the past year and a half, an inspection force, maintained in sufficient strength to put down any outbreak of the disease.

The expense has varied greatly from month to month, to meet the demands of the program. The cost of operation in December 1947, for instance, was \$549,111, which included animal indemnities of \$205,130. The peak of expenditure was reached in June 1949, at the height of the vaccination and eradication stage, when our expenses ran \$2,450,630. Last month, December 1951, we had expenses of \$469,500. (These figures include expenditures of the United States and the Joint Commission but not those of the Mexican Government.) Unless we have another break, the outgo will continue to taper off to the end of the program.

Perhaps the best way to give you an idea of the current stage is to review the work of 1951. It was a year that involved the inspection and reinspection of the 17 million susceptible animals in the quarantine zone—cattle, sheep, goats, and hogs—and we even ran a spot-check on deer and wild pigs, with the cooperation of the U. S. Fish and Wildlife Service.

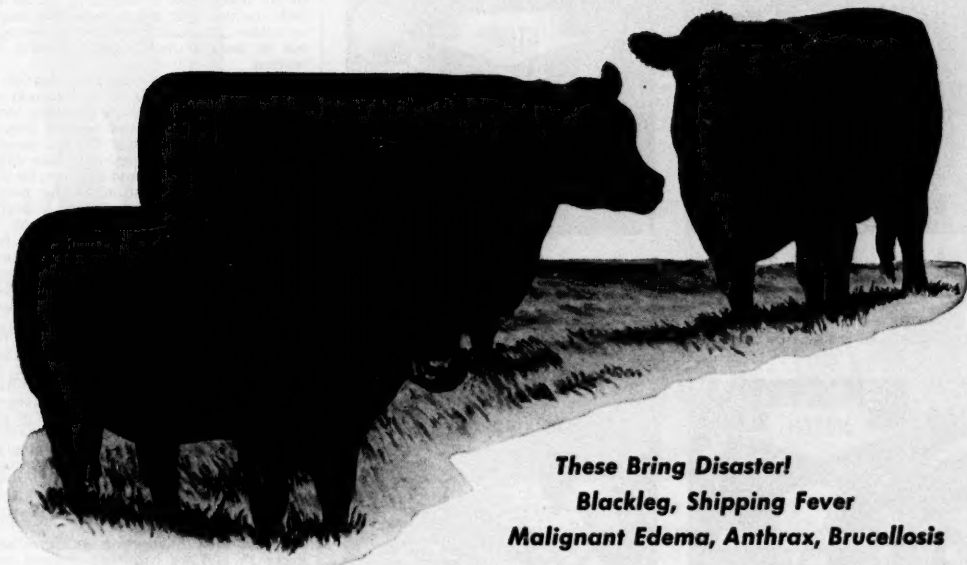
Inspection work is carried out by veterinarians and livestock inspectors. Of a total U. S. strength of about five hundred, 55 are veterinarians and 335 are livestock inspectors. Each of these men has a Mexican counterpart, which means we keep an inspection force of 780 in the field. In the quarantine zone, each livestock-inspector team of two men (one Mexican, one American) must cover about 515 square miles of territory on the average. Each veterinarian team of two men (one Mexican, one American) has the responsibility for 3,140 square miles on the average. If the livestock inspectors find any animal showing abnormal conditions of the feet, mouth, and teats, the herd is quarantined and the matter is reported to Commission veterinarians by the fastest means possible.

During 1951 these teams of laymen inspected an average of about 9 million animals a month, or a total of 112 million. The accumulated total of all inspections made by the Commission since June 1947 is more than 365 million—a number exceeding by 11 million all the cattle in North and South America, Europe, and Oceania. These are impressive figures, and they represent a lot of hard work—man-hours, horse-hours, boat-hours, jeep-hours.

But—and this is a very large BUT—these figures mean, if carried to their mathematical conclusion, that we are inspecting each animal only a little better than once every 60 days. It would take an inspection staff of 35,000 to inspect every one of the 17 million susceptible animals in the quarantine zone every day. And even then—as many of you know who have traveled in Mexico—

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Blackleg, Shipping Fever
Malignant Edema, Anthrax, Brucellosis

When a killer disease strikes your livestock, it may mean disaster to you—loss of animals, loss of profits. Dependable vaccines give effective, economical protection to your animals. Timely use of *Lederle's* world-famous vaccines and bacterins has saved many a stockman from ruin.

Protect your livestock against these costly diseases with *Lederle* bacterins:

—Blackleg, Malignant Edema and Shipping Fever—**CLOSTRIDIUM CHAUVEI-SEPTICUS PASTEURILLA BACTERIN** (Alum-Precipitated) **TRI-BAC*** *Lederle* gives protection against all 3 of these killer diseases.

—Blackleg and Shipping Fever—**BLACKLEG-HEMORRHAGIC SEPTICEMIA BACTERIN** (Alum-Precipitated) **B.H.* BACTERIN** *Lederle* immunizes your cattle against these two diseases.

—Uncomplicated Blackleg—**BLACKLEG BACTERIN** (Alum-Precipitated) *Lederle* protects

against this costly and troublesome disease.

—Anthrax—**ANTHRAX SPORE VACCINE No. 3 CARBOZOO*** *Lederle* protects your cattle against one of the most dreaded of diseases.

—Shipping Fever—**HEMORRHAGIC SEPTICEMIA BACTERIN** (Alum-Precipitated) *Lederle* gives dependable protection against all three types of *Pasteurella* organisms commonly found in cases of hemorrhagic septicemia ("shipping fever").

—Brucellosis—**BRUCELLA ABORTUS VACCINE** (Vacuum-Dried) *Lederle* increases resistance of your animals to brucellosis.

All *Lederle* veterinary bacterins and vaccines are produced to meet the same high standards of quality and uniformity so widely recognized in *Lederle's* biologicals for human use.

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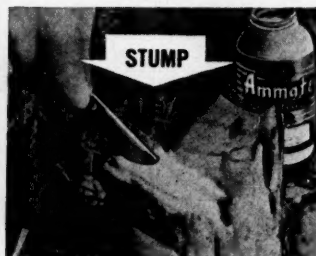
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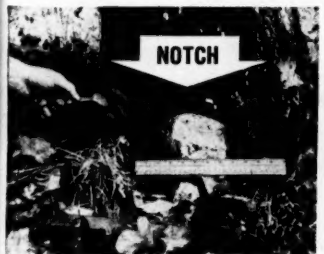
4 WAYS TO KILL SCRUB TREES WITH DU PONT "AMMATE"



1 For large trees, hack overlapping cuts into the sapwood around the trunk. Pour in enough "Ammate" solution (4 lbs. to a gallon of water) to wet the cut surface all around the tree.



3 Cut small trees with a V-shape stump. Pour a tablespoonful of "Ammate" crystals in the V. You can also use "Ammate" on larger stumps to prevent sprouting.



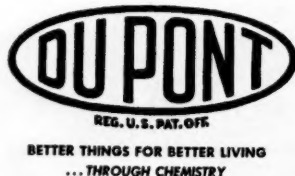
2 On tough trees, chop notches every six inches near the ground. Pour a tablespoonful of "Ammate" crystals in each notch. This deadens even blackjack oak with little resprouting.



4 On seedling trees or sprouts, spray the green leaves and stems in late summer or fall with "Ammate," 1 lb. per gallon of water. In using "Ammate," let trees or sprouts stand a year for best kill.

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You can increase the value of timber growth by killing scrub trees with low-cost "Ammate." Forest owners report it gives valuable pines more sunlight, more water and more room for root and top growth. "Ammate" kills blackjack oak, gum, sassafras, elm, willow, persimmon and other weed trees with little or no resprouting.



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even then the people could hide animals out.

It is not too much to say that no problem of disease eradication can be solved without the cooperation of the people.

Reports of lame and salivating animals are particularly important in Mexico, where vesicular stomatitis is a frequently recurring disease all over the quarantine zone. As most of you know, this disease cannot be distinguished by visual inspection from foot-and-mouth disease, even by the best-trained veterinarians. Biological and serological tests are necessary to rapidly differentiate between them. Stomatitis is negligible in its effects on livestock, but no case that might be either stomatitis or foot-and-mouth can be passed over without careful attention.

More than a year ago we started to keep separate records of sick-animal reports, and to differentiate between those reported in the course of regular inspection and those reported by the people. We felt that if the inspector was doing his job the way it should be done, he was enlisting the cooperation of the people who were there with the animals during the 95 percent of the time that he couldn't be there. During 1951 we had more than 100,000 reports of sick animals. About 52 percent of these were reported by inspectors and about 48 percent were reported by livestock owners or other people.

We have been heavily stressing this aspect of the work with Commission personnel, and a great deal has been accomplished. There are many difficulties, of course, but we are learning where we can trust people to turn in reports of sick animals and where we must continue close inspection. In some sectors our men see the animals every week. In other sectors, where we know we can depend on the people, we can safely carry out inspections at 60-day intervals. As we continue to win the confidence of the people, the need for close inspection will gradually decrease and we can then depend very largely on local residents. Inspection every 60 days coupled with dependable reporting by the people is our ultimate aim. We cannot hope in this campaign for anything more practical or successful.

We are using many techniques to encourage this kind of cooperation, including three basic approaches to men, women, and children: The organization of vigilante committees and honorary inspection groups among the men, an appeal to women through the cooperation of the churches, and education of children through the schools.

Naturally, since people report sick animals from a variety of motives, we get many reports that are unrelated to foot-and-mouth disease. We get reports on animals that are not even susceptible to it—dogs, cats, burros, horses, even chickens. But it is better to get all of these reports rather than miss the ones that really count. The livestock inspectors are able to eliminate from consideration all conditions not involving the feet, mouth, and teats. These are immediately called to the attention of Commission veterinarians. In 1951 we had about 4,000 cases which required inspection by veterinarians. Field diagnosis eliminated the greater number of these animals from further consideration, but more than 350 samples were taken for laboratory and biological analysis. Of these, over 190—more than half—were Indiana or New Jersey stomatitis, a dozen or so were insufficient for testing,

The third in a series of statements telling the "Story of Beef" from producer to consumer



"WE'RE LIKING CATTLE BETTER ALL THE TIME,"
Says Mark Ham

"Starting in the cattle business twelve years ago was one of the best moves I ever made," says Mark Ham, planter and stockman in the heart of the Delta country near Clarksdale, Mississippi. "Several fields on my 1,500 acre plantation were not profitable until I put them in grass-legume pasture. With my herd of 200 brood cows I can use better crop rotations which means more production per acre at lower cost."

"While cattle raising seemed risky when I first started, it is now the most dependable enterprise on the plantation. With our long grazing season it is never so wet or dry but what I get a lot of cheap feed from my 300 acres of improved pasture. It takes money to get started in cattle, but the investment in labor and equipment is much less than for cash crops."

In an area famous for its long staple, high quality cotton, it is not surprising to find that Mr. Ham is quality conscious with cattle. "The time I spend looking for good bulls is about the most important thing I do all year. It costs just as much to feed plain calves and yearlings as it does the good ones but there is a big difference at market time."

"In 1951, instead of selling my yearling steers off grass, I converted one of my idle mule barns



to a mud-proof dry lot for steer feeding. Most of my 66 yearling steers should grade Choice after 150 days full feed on corn, hay and cottonseed meal produced on the plantation. There is a big market for Choice fed beef throughout this part of the country and with our good yields of corn, in time this area may supply most of it."

Mr. Ham says, "We're liking cattle better all the time and we've got everything here that it takes to raise and fatten them. Growing more feed crops and marketing them through cattle is a great thing for our Delta soils because they have been cash cropped a long time."



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SPRINGFIELD, NEB.—James P. Latham (pictured above) is the owner of the Zimmerman Feed Yards here, and runs about 3,000 head of feeder cattle on his place. Interviewed here he was enthusiastic in his praise for the Wyeth Tubex syringe and Lentovet (penicillin in Tubex cartridges). He says:

"Lentovet with the Tubex syringe is so easy to operate and works so fast, we can inject a dose of penicillin before the animal moves or knows what's happening. Here, on a feeder operation, many animals arrive in pretty bad shape.

"Some have shipping fever when they arrive, others have pneumonia and cases of infec-

tion after calving. We generally give these cattle two shots of All-purpose Lentovet and follow it up with a single dose 24 hours later. It sure does the trick!

"We certainly cut stock losses sharply," Mr. Latham says, "since we started using Wyeth's Lentovet."

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and about 140 were negative. Nine of these samples came from the municipios of Nautla and Misantla in the state of Veracruz. Eight of the nine showed positive Type-A foot-and-mouth disease.

Just for the record, I will tell you how this outbreak was handled. It is a typical case, and it might be well for you to have the facts in the event that you should meet with any misrepresentation of the Commission's methods.

The infection was reported by the livestock owner, but it was reported late. The delay in reporting caused the disease to spread farther and affect more animals than if the action had been more prompt.

The district quickly placed the sick and contact animals under military quarantine and rushed in its own manpower to carry out daily inspection of adjoining herds. Samples taken from animals with lesions were apparently too old, or for some other reason did not give a positive test. Additional sick animals were found on an adjoining ranch, and samples of epithelium and fluid were taken from these animals, which had been vaccinated four times. Serological and biological tests run on these samples showed positive Type-A foot-and-mouth.

Materials from the samples were injected into horses, which are susceptible to stomatitis but not to foot-and-mouth disease; the results in horses were all negative. Portions of four of these samples were also sent to the Research Institute at Pirbright, England, for further confirmation, which was later received.

It was not really necessary to send the material to England for diagnosis, but we have done it every time we have had a new outbreak of foot-and-mouth in Mexico. A few people in the United States and Mexico, for reasons of their own, now and then make the statement that foot-and-mouth disease never existed in Mexico. In order to protect the program and the people in it, we have followed the practice of sending samples for confirmation of diagnosis to one of the most outstanding foot-and-mouth diagnostic stations in the world. In every instance, our findings have been confirmed.

As soon as the disease at Nautla was definitely diagnosed, at 5 o'clock on the evening of Sunday, August 12, men and equipment were ordered from the other eight districts to assist in the eradication operations. These men started at once, and after traveling all night they began arriving at their new assignment at daylight on Monday morning. Some of them were ordered in from 600 miles away. Laborers were not available locally, so it was necessary to recruit them in places 75 miles from the break.

We used 450 men, 160 vehicles, and 160 horses on the break. The operations were in a rugged locality four hours from the nearest highway, and it was necessary to transport all the material over rivers and almost impassable roads. The vehicles had to winch themselves up steep hills to reach their destination. The rough terrain was so hard on vehicles that two mobile shops were needed to keep them in repair. It was difficult to provide supplies, including food for men and horses. The break was in malaria-infested tropics, and, in spite of the anti-malarial drugs taken by the employees, several cases of the disease were contracted during this break.

The majority of the eighty inspection teams brought their own portable radio



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sets, but standby units and generators were also provided. The central radio unit kept in touch with the inspection teams covering the surrounding area, and with headquarters in Mexico City.

A temporary headquarters office was set up within a ten-kilometer or six-mile radius to handle all administrative matters. There were disinfection stations and soldiers to enforce disinfection and to hold the quarantine line. Large quantities of chloride of lime and soda ash were trucked in for the disinfection of persons and premises. All personnel working at the break were required to wear protective outer garments, such as coveralls, rubber boots, gloves, raincoats, and rain hats.

Eradication of infected and contact animals was finished within two days after completion of the trenches. It was early October, however, before the cleaning and disinfection was done, and personnel from other districts could go back to their jobs. Susceptible animals from northern Mexico were turned into the area early in October. These animals were herded over all parts of the previously infected area and inspected at frequent intervals. It was January 1, 1952, before we could close the books on the Nautla break and declare the area open to normal use. But for the next 60 days we will continue to closely inspect the animals which the owners are purchasing and placing on their ranches.

Some of you remember the outbreaks in California in 1924 and 1929 and the Texas outbreak of 1924-25. Those are three of the nine which have appeared in the United States since 1870. The worst break we had was the one in 1914-16, which spread over 22 States and the District of Columbia. We had to eradicate more than 172,000 animals in that break. In the California break of 1924, it was necessary to slaughter nearly 132,000 animals, and the total in Texas was almost 32,000.

So we know in the United States what it means to have such a free-wheeling plague loose in the country. That is why, when the disease broke out in our neighbor country of Mexico in 1946, we pitched in to help eradicate the disease before it could spread to our own territory. There are few, if any, livestock men north of the border who do not shudder at the thought of it, and our efforts in Mexico have received wonderful support from the livestock industry as a whole.

Let us suppose, for one bad moment, that the pressures had been heeded before the Nautla break to open the border and disband the Joint Commission in Mexico. Then the manpower would not have been on hand, either in the area of the break or in the eight other centers of operation, to mobilize for its quick eradication. The way would have been open for the disease to spread through the whole present quarantine zone with 17 million susceptible animals. Fifteen million other susceptible animals in Mexico would have been endangered. A million cattle, more than half a million sheep, nearly half a million hogs, 75,000 goats, would have been in danger in Guatemala. Eighty million cattle, 60 million hogs, 30 million sheep, and 3 million goats in the United States would have been in danger of a disease which kills some animals and makes a high percentage of those which recover from it economically unprofitable.

When you stand off and look at it this way, you realize that the relatively modest cost of keeping Commission per-

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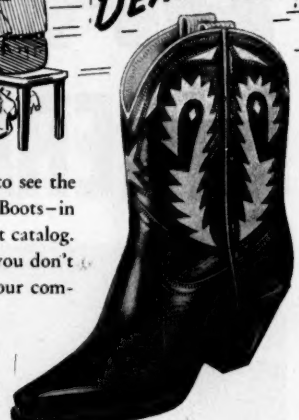
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\$50.00 pays round-trip carfare and tuition. If the carfare is not over \$25.00. The owner of a herd of cows or a herdsman now employed can pay \$10.00 cash and \$10.00 a month by adding \$2.50 extra. We guarantee satisfactory results. Send for a catalog which tells the whole story.

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Boston, Mass., Lenox		Oct. 2-6	Minneapolis, Minn., Dyckman		Jan. 22-26
Toledo, Ohio, Lorraine		Oct. 9-13	Newark, N. J., Essex House		Feb. 5-9
Allentown, Pa., Lehigh Valley Cooperative		Oct. 30-Nov. 3	Harrisburg, Pa., Bolton		Feb. 12-16
Farmers Auditorium			Cleveland, Ohio, Allerton		Feb. 19-23
Fort Worth, Texas, Texas		Nov. 13-17	Denver, Colo., Albany		Mar. 4-8
Atlanta, Ga., Atlantan		Nov. 27-Dec. 1	Sheridan, Wyo., Crescent		Mar. 11-15
Richmond, Va., John Marshall		Dec. 4-8	Portland, Ore., Washington		April 1-5
Burlington, Vt., Vermont		Dec. 11-15	Sacramento, Calif., Senator		April 8-12
Kansas City, Mo., Pickwick		Jan. 8-12	Phoenix, Ariz., Adams		April 15-19

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sonnel available for a sufficiently long precautionary period after the Comalteco break in December 1950 was a very sound investment. And you can see that the 1,800 animals sacrificed at Nautla gave extremely low-cost protection to more than 200 million animals in Mexico, Guatemala, and the United States.

Brangus Cattle

(Continued from Page 25)

and vigor is noticeable on all the crosses up to and including the progeny of Brangus bred to Brangus.

The by-laws of the association provide every precautionary measure for the protection and improvement of the breed and the inspection of any interested party is invited. The small breeder, as well as the large, may profit by membership in the association and add his part to the "fixing" of a great breed of cattle that is already made, "to the extent that it has reproduced its kind."

With his watchful eye on the legs of Brangus calves, President Pope, the young founder of the breed, was quick to reply to the statement that the legs of Brangus cattle seem to be getting shorter, "Yes, but we do not intend to let them get too short. After all they have to have legs to get from the center of the pasture to the water hole."

After an animal has been enrolled, or registered in the association and is then sold, the sale, or transfer, must be recorded in the office of the association. An application for transfer is filled out and mailed to the office together with the certificate of enrollment on the animal being sold. The transfer is recorded on the back of the certificate, which is then mailed to the new owner.

Though the history of the Brangus breed as developed by co-partners, Raymond Pope and Frank Buttram, is briefed into a short record of only ten years, thousands of vigorous black cattle (approximately 2,000, on the grassy hills of Clear Creek Ranches at Welch, Okla., and in the show window of their newly acquired cowlard de luxe at Grenada, Miss.), bear testimony to the fact that the breed is prolific as well as profitable. Here, in the center of practically every known grass that is good for a cow, the prize winning Brangus cattle and the intermediate stock from which they are made, have but to graze to their fill and lie down in green pastures.

The Welch ranch consists of 14,000 acres in the rich bluestem grass region of Craig County, Oklahoma. The site was selected not only for the good grass and water on the endless prairies, it was also chosen as the cradle for the new breed of cattle that had persisted in Raymond Pope's mind since he studied genetics in the animal husbandry division at Oklahoma A. & M. College at Stillwater.

When he graduated from Stillwater in 1938, Raymond Pope married Miss Edith Johnston and went to work for Buttram and Brown on their cattle ranch near Jeanerette, La. His school boy dream of making a new breed of cattle to produce, "the most beef per acre at the least possible cost," was further stimulated by the promising size and vigor of the cattle produced by the experimental cross-breeding system of the U. S. D. A. at Jeanerette. Young Raymond was so enthused that he said he thought he would buy a bull and two cows and go into business for himself. Then, when Buttram and Brown dissolved partnership in the cattle business, Frank Buttram said, "Well, if you are so sure that it

will work, you pick the cows and the land and we will be co-partners."

The Welch Ranch was selected by Pope as the cradle of the Brangus breed because Craig County, Okla., was neither too far north nor too far south. It offered a wide variety of weather for the cattle that were to be sturdy enough to pass every endurance test of climate.

The business began with 900 Brahman cows which were bred to Aberdeen-Angus bulls. Then, because of the scarcity of good Brahman cows, it was necessary to sell the Brahmans and replace them with purebred Aberdeen-Angus cows. The search for animals with the desired conformation and breeding led into Canada and several states. The best Brahman bulls from the J. D. Hudgins herd at Hungerford, Texas, were used on the Angus cows to produce the foundation stock, and, "the results from the first," says Pope, "were profitable and satisfying." The increased size and vigor of the first cross does not diminish with the third and fourth generations, but continues to characterize the progeny through all successive matings.

Today the big Brahman bull stands head and shoulders above the registered Angus cows in the pastures at Welch, where the intermediate breeding stock for the large herds of Brangus cattle is in the making. The strong and vigorous half-blood progeny are almost as large as their mothers at weaning.

In one pasture there is a herd of coming two-year-old half-blood heifers that will undoubtedly make history for the Brangus breed. Their uniformity, their outstanding size and conformation with their sleek, alert appearance, command the open admiration of all comers. These half-blood heifers have been mated to a

quarter-blood bull and will produce Brangus calves before they are two years old. Their average weight today is 1,150 pounds.

The carefully culled and graded cattle at Welch weather the winters in the open. With the exception of the winter months they flourish and grow fat on grass alone. "It is from these sizeable herds of intermediate breeding stock," says Pope, "that we expect to produce all purebred Brangus calves by the year 1954."

By 1950, it became necessary to add more land to the rapidly expanding cattle business at Clear Creek Ranch. There was, from the beginning, a wide demand for breeding stock, and, says Raymond Pope, "Since we are not ranching for a hobby but are in this thing to make money," the search for suitable land with all the necessary requirements began.

At length the famous Glenwild plantation at Grenada, Miss., was selected as the southern branch of Clear Creek Ranches. With its healthy grasslands on the rolling hills and the elaborate improvements as developed by the fabulous millions of John Borden, a previous owner, the southern branch of Clear Creek Ranches at Grenada makes a magnificent show window for the prize winning Brangus cattle.

The purchase price of \$210,000 paid to F. C. Wagner, owner of the 4,500 acre plantation was considered a bargain by the Clear Creek Ranch owners. It is estimated the original cost of the buildings alone, was more than a million dollars.

It was in the heyday of his fabulous millions that John Borden built the miles and miles of white fences and the great barns and houses with every conceivable

modern convenience. Here the show herds of Brangus cattle are housed in a 240-foot long barn which is floored with brick made with asphalt and cork. The barn is equipped with steel stalls, sanitary drinking fountains, elevators and spacious sheds and runways. The ready money was poured into a \$100,000 barn for the \$30,000 world champion hog, Scissors. Though the hog barn has been destroyed by fire, many other great barns and outbuildings combine to make a picturebook background for the herds of black cattle with their calves in the midst.

It hardly seems possible that so much could be accomplished in the cattle business in the ten years time that it has taken Raymond Pope to produce the "plant" such a rapidly growing breed of cattle. The fact that the fixing and improvement of the breed is not a closed book is perhaps one of the most favorable signs in its future. The wide open door of competition in the American Brangus Breeders Association will give the history making individuals of the breed a chance to rise to the top.

Many breeders in the Association are already well on their way with established herds. The firm of Baird and Tucker of Longview, Texas, has approximately 200 registered Brangus cattle on their ranch. By 1952 the Terry Dalehite ranch, Pearsall, Texas, expects to have 300 Brangus cattle. Sid Berly of Harlingen, Texas, started with 1/2 blood bulls and 1/4 blood heifers and his 1952 crop will be straight Brangus (3/4 Brahman, 1/4 Aberdeen-Angus). On the Yolo Ranch, Ringwood, Oklahoma, Ralph Scannell has approximately 300 of the Brangus breed. The Selby Ranch at Sarasota,

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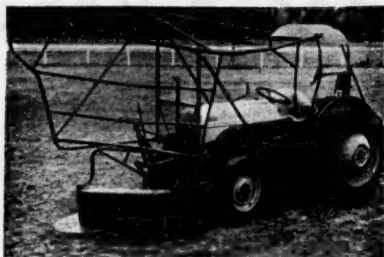
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Though the Brangus breed is not the first American breed of cattle to be developed from Brahman crossbreeding, it is the first American breed of cattle to enter showing competition in the United States.

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Present Portrait of Anderson During Denver Show

THE Hereford show at the 46th Annual National Western Stock Show was dedicated to the memory of the late Bernie M. Anderson, who for 14 years served as assistant secretary and later as secretary of the American Hereford Association with headquarters in Kansas City. It is recalled that it was during the 1945 National Western that Anderson became ill and was compelled to return to his home. He recovered sufficiently to resume work the following spring, but was again compelled to return to his home in May of 1945 due to illness and died October 3, 1945, of a heart ailment and complications.

In commemoration of Anderson's faithful service to the Hereford fraternity, an excellent portrait of him was officially unveiled at the Hereford banquet sponsored by the Colorado Hereford Association January 12.

Tom Field, president of the Colorado association, presided. A. D. Weber, Kansas State College, Manhattan, Kans., with whom Anderson had been associated at school and in the Hereford industry, spoke on "A Teacher and Friend." Herbert Chandler, Baker, Ore., and J. S. Bridwell, Wichita Falls, Texas, lauded Anderson as a leader and administrator for Hereford breeders. A. W. Harris, Jr., Harris, Mo., made the presentation and Roy R. Largent, Merkel, Texas, president of the American Hereford Association, made the response.

The portrait, which was painted by Othmar Hoffer, Chicago artist, who has painted many prominent livestock personalities, will be hung in the gallery of the American Hereford Association.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

How One Investment Counsellor Analyzes the Cattle Industry

(Continued from Page 27)

There was a gradual import balance until 1934 when the U. S. Department of Agriculture under Secretary Wallace decided to destroy some four million head of cattle because of drouth conditions instead of hauling water and feed to cattle herds in drouth areas. At this time the ratio of cattle to human population was barely 5 per cent above the 35-year average of 56 head. In 1941 we began to slaughter more than our domestic requirement which indicates that we were again exporting meat to our allies and after the war food was furnished England and Europe under the Marshall and other various assistance plans. The peak in 1947 was due to the Berlin Air Lift and assistance to England. In 1946 controls were removed and we, as a nation, decided to satisfy our pent-up appetite for beef steak with the result that the consumption per capita of beef and veal reached a figure of 79.8 pounds. Since 1947 our per capita consumption has been declining with an estimate that in 1951 the total consumption was lower than at any time since 1943, when we were under ration controls. It is probable that the calculated minimum slaughter will about equal our actual slaughter. Our imports of beef in 1951 increased over 1950. In studying the chart it will be noted that slaughter reaches a peak in the year when numbers first turn down from their high point, and hits a second peak at the time of fastest liquidation in numbers. This was true in 1918 and 1924-1925; 1934 and 1936-1937; and 1945 and 1947.

Carcass Weight: Over a period of 35 years the average weight of a dressed beef carcass has been 477 pounds, as shown by line No. 2 on the chart. It is estimated that in 1951 the average weight was 517 pounds, which is about 8½ per cent above the 35-year average. Since 1947 the consumption per capita has been declining while the ratio of cattle to population has been increasing. With advancing prices for cattle it has been profitable to hold cattle back from market and this increase in weight over the average means that more finished beef is coming to the market. In recent weeks there has been a price decline in stocker and feeder steers since the fall of 1951. This could mean that there is a crowded condition existing in the number of top quality fed beef available for market and that there is less optimism on the long-term feeding prospects.

Price: Line 4 is the average annual price paid for slaughter, (U. S.) choice, steers per 100 pounds at Chicago. For each 10-year period we have computed the average price and plotted it as a dotted line through the 10-year period involved. The average prices for the three periods are as follows:

1922-1932	\$11.05
1933-1942	9.18
1943-1951	22.93

Consumption: Line 5 is the annual per capita consumption of beef and veal. Over a 35-year period it has averaged 65.5 pounds per capita. From 1927 to 1934 the per capita consumption was below the long time average because disposal incomes were low and it is noticeable the effect that this decline in consumption had on cattle prices during this period. We can, therefore, conclude that during years of prosperity we have normal or better than average consumption

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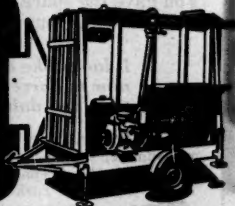
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and in years of depression or low income we drop below the 35-year average. During 1943 consumption dropped below the average because we had rationing and not because we did not have the income or appetite for meat.

Trends: In years where the price of beef has advanced and consumption has declined we have shaded the area to call attention to this action, because of what happens in the price pattern during the following year. This illustrates how the supply and demand factors moving in opposite directions have a tendency to correct the price trend. In the area between 1942 and 1943 we have placed a "7" mark. This is a year of price control and rationing. Consumption declined artificially because of rationing and not because of demand. Prior to the present time, the longest period of time that we had a divergence in action between consumption and the price of supply was the period of 1927 and 1928 and the following table will be of interest:

Period That Per Capita Consump- tion Declined Over Previous Year	Average Price Advance Over Preceding Year of U. S. Choice Slaughter Steers (Chicago)	Average Price Decline in the Following Year
1919	7.5%	9.7%
1927-1928	41.9	4.5
1935	54.0	18.3
1937	33.0	22.5
1943	8.5	2.7
1948	18.0	15.2
1950-1951	38.0	?

Declining prices are an advantage to the consumer. When consumption and prices move in the same direction the economy seems to be "in gear." But the investor in cattle should take a divergent action in the trends between demand and the price of supply as a warning that the price atmosphere is going to experience a change.

Hides: For many years one of the most important business indices to watch has been the trend on price of heavy packer steer hides. The average price in Chicago in January, 1951, was near 40 cents per pound and before the end of the year the price had dropped more than 50 per cent. Normally this would mean a decrease in demand for leather products and a substantial increase in slaughter. We do think that this decline in price can mean an increase in slaughter but the decline in the use of leather is due to the rapid growth of synthetics being used in shoes. In 1947 about 74 per cent of the shoes made had leather soles; in 1950 about 52 per cent and the estimate for 1951 is that only 44 per cent of the shoes had leather soles. Thus the hide index has lost much of its implication. How cheap will hides get? The answer lies in how cheap synthetic products can be made that compete with hides. So far the chemical industry hasn't made public just how cheap they can make synthetics.

Purchasing Power of the Dollar: For comparison purposes we have computed and plotted the retail food price index on the chart as it is calculated by the Bureau of Labor Statistics in the U. S. Department of Labor. 1935-1939 equals 100. The per cent increase in the price paid for slaughter steers (Chicago basis) has been much greater than the increase in the retail food price index and this has had a slight effect on the per capita consumption. There is a tendency for the total retail value of all meat consumption to follow the same percentage change each year as the total disposable income per person. Again, however, we want to stress the fact that an important thing



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On Page 45

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to remember is that when consumption declines and the price of supply advances a correction in the price trend is not far away.

Projection: During 1952 to 1955 we have plotted in dotted lines an extension of the various lines based on estimates of the Bureau of Agricultural Economics in their October, 1951, issue of the "Livestock and Meat Situation." If these estimates are accepted of what may take place, and we have no reason to question their accuracy, then we have reason to believe that we will reach an oversupply of cattle by 1955 and prior to that time we will see a decline in prices. Here again we use mathematics as the basis for our reasoning. During the past year the Federal Bureau of Census has made available much of the data compiled during the 1950 census. By adopting the methods of life insurance company actuaries an estimate can be made of the future population. The census bureau has made three estimates of the population in the next 10 years. The minimum estimate is probably based on a maximum mortality and a minimum fertility; the average projection on present mortality and fertility; and, the third estimate on minimum mortality and maximum fertility. We have used a figure about midway between the average and maximum estimate on the premise that we will not have an all-out war or other national disaster. The following is how the projection will look between now and 1955: To justify this increase and surplus we shall have to increase our per capita consumption.

Year	Population of U. S.	Average Number of Cattle per 100 Humans	BAE Estimate of Cattle Population	Surplus
1950	151,700,000	85,000,000	80,000,000	
1951	154,400,000	86,500,000	84,179,000	
1952	157,100,000	88,000,000	91,000,000	3,000,000
1953	159,500,000	89,500,000	96,000,000	5,500,000
1954	161,800,000	90,500,000	100,000,000	9,500,000
1955	164,000,000	92,200,000	103,000,000	10,800,000

While the question of population is being considered it is well to examine the mass of the population by age groups. Children under the age of 13 years do not consume the same amount of meat as adults. Beginning at the age of 13 children go through adolescence and take on the form and appetites of adults. Over the age of 65 many people are retired, on a diet, have false teeth and just plain do not need the tissue building food and consequently the diet of meat is reduced. Therefore, we are concerned with the per cent of our population between the ages of 13 and 65, since this is probably the range in which the largest per cent of meat consumption is to be found. Up to the present time the percentages are on the basis of the published census records and the same basis of estimates are made on the future as used in the preceding table.

Year	Per Cent of Population Between the Ages of 13 and 65
1910	69.0%
1920	65.5
1930	67.2
1940	70.0
1950	66.2
1951	65.4
1952	65.2
1953	64.6
1954	64.2
1955	64.1
1956 to 1960	63.9

While the per cent of the population between the ages of 13 and 65 probably will not drop more than 1½ per cent from the present level it means the equiv-

alent of 1,375,000 fewer head of cattle required to meet the population needs on the basis of 56 head of cattle per 100 human population.

What to Do?

With the statistical indicators pointing toward a greater supply of beef in relationship to the population the question naturally arises as to how the owner of cattle for commercial purposes can protect himself against a declining price trend. Unfortunately he cannot sell cattle futures short such as the processor of grain products does at harvest time. Where cattle are owned and paid for the owner must realize that the point to sell his investment position in cattle will depend upon his experience and his estimate as to where he can continue to put on more weight against a declining price trend and sell at the point which will yield the greatest net return.

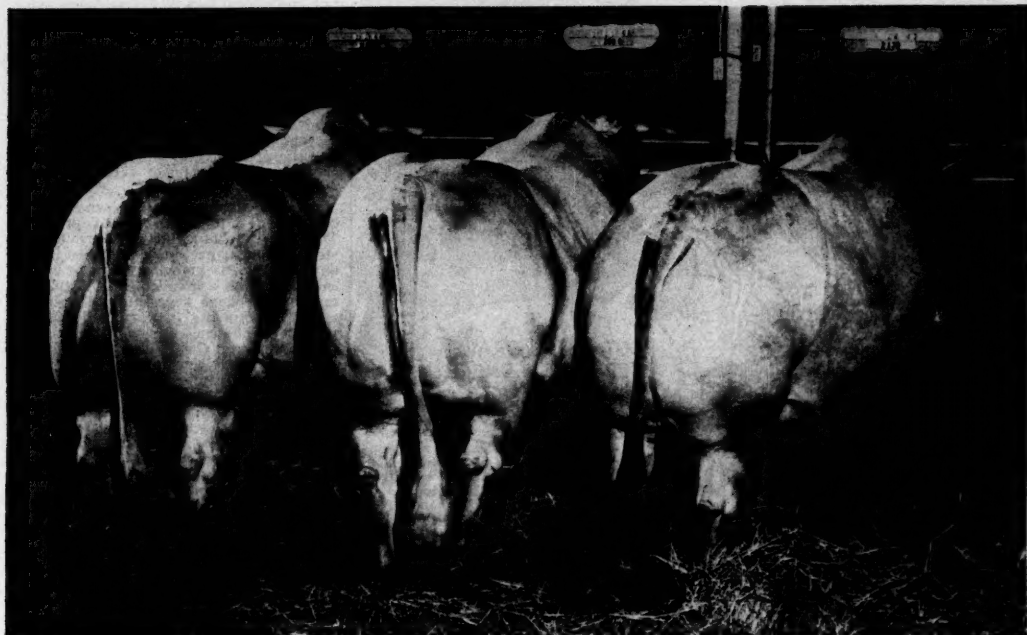
As for the feeder: The weight per carcass should tell him that the market is crowded with finished cattle. Unfortunately the cattle feeder cannot be as independent as the frugal New England Yankee farmer who kept a pet hog in the backyard to eat up the scraps from the table of his summer boarders. One of his guests remarked one day, "What a nice big hog you have!" The Yankee farmer replied, "If you think he's big now you should have seen him at this time last year." You can feed cattle just so long and when the price starts breaking you either sell out your position or take less profit or a loss on your investment. As for the feeder who is contracting for

pasture at a price of 10c to 12c per pound of the weight per head he anticipates putting on a steer, he may find his margin of profit much less than he has been realizing in the past two years.

As for the breeder of registered stock: He can anticipate a decline that will parallel the decline in other livestock. Business men and ranchers who raise cattle for commercial purposes just do not pay high prices for breeding stock in a generally declining market. Of course, if the owner of registered stock has other income to off-set his loss then the price factor makes little difference.

The Investor and the Cattle Industry

For the investor who does not want to own cattle outright what are the alternatives? If the land is owned at the right price it can be held for long term capital gains. Land that is suitable for pasture or marginal land that can be reclaimed and improved with fertilizer for pasture purposes will be in rather constant and steady demand. Of direct interest to marginal land investors is the fact that one of the largest nationally known chemical companies is planning to spend several million dollars in the construction of a new plant in Texas to produce one of the most revolutionary chemicals in modern industry for the use of soil improvement. The name of the new chemical powder is "Krilium." A name to remember. During the past 30 years the tractor has replaced about twenty million head of horses and mules, but the pas-

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ture abandoned by this decrease in work animals has been re-populated by cows and meat animals. Since we have already observed that the constant demand for beef and veal will exist, then we can conclude that as the human population increases it will also be necessary to find feed and pasture space for cattle. Such factors as climate, water, soil conditions and the proximity to markets will all enter into the equation of determining the value of the land.

Another alternative is to own stocks in companies that process meat products. The question of when to buy or sell stocks in meat packing companies is just as important as knowing when to buy or sell cattle. As a broad technical guide in making decisions regarding the time to make investments in various industries we have constructed several studies of price trends on the leading companies in various industries. Chart II relates to the meat packing industry. The composite price of the four leading meat packing company stocks are compared to a composite price index representing stocks listed on the New York Stock Exchange. Line "C" on this chart is constructed by taking the closing price on the first Thursday of each month of the four leading meat packing stocks which in order of size are Swift, Armour, Wilson and Cudahy. (Note: In 1947 Cudahy split their stock into 3 shares for 1 and since this study started in 1937 we multiply Cudahy's closing price by 3 in order to have the same price we started with in 1937.) The total closing prices are divided by 4 in order to give us a composite average price. Line "B" on our chart is the closing price on the first Thursday of each month of the New York Times Composite Stock Index (50 stocks) which may be found on the financial page of the New York Times. Now we proceed to do some long division. Line "C" becomes our numerator and line "B" our denominator. The quotient or answer is plotted on our chart as line "A." If we should obtain the same answer each time we make our division then the answer would be plotted as a straight line on our chart. Since we get a different answer then the "A" line becomes our "Market Barometer." When the "A" line rises it is an indication that meat packing stocks are in favor with the investing public and are being purchased and that the price is rising faster percentage wise than the general market. When the "A" line declines it is an indication that packing stocks are in disfavor as an investment medium or are not keeping up with the general market in price performance. As the "A" line declines a first conclusion might be that the industry is not a desirable investment medium. Logic, however, indicates a contrary interpretation in that the further the line declines the more desirable the industry eventually becomes, and by the same reasoning the higher the ratio line "A" advances the more vulnerable the industry or stock becomes to selling or profit taking. What the market analyst looks for is a reversal in the direction that the ratio line "A" is moving. A reversal of one month does not mean much but when the reversal has continued for a period of three months it is a good general indication that the investing public has decided that conditions surrounding the industry have become either more favorable or unfavorable and that the financial atmosphere is about to undergo a change. In October, 1951, line "A" stood at 113, in November, 1951, at 116 and in December, 1951, at 116.5. On January 3, 1952, the

index stood at 113.08 and technically has not lost the ground gained since 113 in October. If the index on February 7 is above the 113.08 of January it will be a good indication that the public has changed its opinion as to the valuation of the meat packing stocks. To illustrate the computation of the index figure for line "A" the following figures for January 3 will serve as a guide for computing the February index figure:

	Closing Price 1/3/52
Armour	\$12.50
Cudahy 7.62 x 8	22.87
Wilson	12.25
Swift	33.12
Total	\$80.74
One-fourth of \$80.74 is \$20.18	Line "C"
New York Times Composite Index (50 stocks) 177.28	Line "B"
\$20.18 divided by 177.28 equals 113.08	Line "A"

From recent financial news items it has been evident that several mutual investment companies in both Boston and New York have been accumulating meat packing company stocks during the months of November, December and January. No doubt this buying of stocks is in anticipation of greater activity with consequent better profit margins in the meat packing industry.

Summary

It should be remembered that there is no exact answer to every problem. We have no crystal ball that will tell us what may develop internationally or how it may affect the thinking of our government officials, investors or consumers. All of our studies are relative. By gathering the facts of the past we try to see what subsequent influence these facts



Sutherland's Paul A, grand champion Quarter Horse stallion, National Western Stock Show, owned by R. Q. Sutherland, Kansas City, Mo.

have had on our economy when varying combinations existed. We try to estimate what the future results may be should the same set of combinations again occur in our economy.

We have a word in our English language which has been frequently abused and by association and inference sometimes given the wrong meaning. It is the word "speculate." Webster's dictionary says the Latin word "speculari," from

which the word speculate is derived and a part of, means "to observe." We are all speculators in a sense. We all try to observe what is going on and what is going to happen and try to do something about it before the event happens. What we try to do is to minimize the potential risk which we anticipate might occur and to eliminate the chances of error in our action. Such study occupies much of everyone's free time. It is the reason for professional research organizations and probably the prime reason for such firms, as represented by the author, to exist. To those with limited time available for economic studies the cost of research is much less than the cost of doing without it.

Washburn Heads Colorado A&M Animal Husbandry Department

DR. L. E. WASHBURN, who joined the animal husbandry staff at Colorado A. & M. College in 1938, has been named head of the department, effective January 1, succeeding Dr. S. S. Wheeler, who was named director of the Colorado A. & M. Experiment Station last September.

Dr. Washburn is one of the nation's outstanding researchers in the field of nutrition. In Colorado he has worked with a number of stockmen's groups in connection with experimental work on nutrition of range cattle, and has done much research in connection with the value of Vitamin A to livestock and with regard to the amount of Vitamin A which is supplied in locally grown rations fed to livestock.

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(17 Horned Heifers - 5 Polled Heifers)

Some of the bloodlines: TT Prince 1st, Real Silver Domino, Prince Domino, G. Larry Domino, Domestic Mischief, WHR Cavalier 42, G. Carlos Mischief President

- ★ 20 of the bulls are 18 to 24 months of age. The balance from 12 to 18 months old.
- ★ A few bred heifers. Most of them near breeding age. A good group of foundation heifers or replacement.
- ★ A nice selection of herd bull prospects, as well as range bulls.

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Thomas L. Echols Paris
Bentley & Callaway Hughes Springs
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Smith and Son Naples
C. O. Pratt Hughes Springs
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Auctioneer, Walter Britten - George Kleier, The Cattleman
For Catalogues, Write R. W. Bentley, Hughes Springs, Texas
For Reservations, Write Marvin Watson, Daingerfield, Texas

Northeast Texas Hereford Association DAINGERFIELD, TEXAS

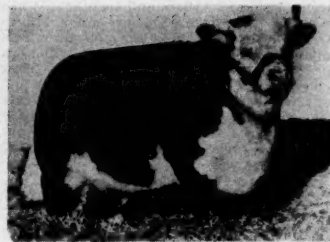
Plan to attend the East Texas Hereford Sale at Tyler, March 14th.

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MW Zatos Larryanna 4th. reserve champion Hereford female, National Western Stock Show, owned by Milky Way Hereford Ranch, Phoenix, Ariz.

NATIONAL WESTERN

(Continued from Page 29)

Royal Duke 51; 6, Johnston's Squarebitt Herefords, Holson, N. M., on JJ Publican Domino 7; 7, CK Ranch on CK Publican 46; 8, Milky Way Hereford Ranch on MW Prince Larry 50; 9, J. Francis Miller Herefords on Dandy Domino 145; 10, Thurber & Herschede, Sonoita, Ariz., on Larry Swanway 19.

Summer bull calves, calved on or after April 1, 1951 (35 shown): 1, CK Ranch on CK Cascade Return 7; 2, CK Ranch on CK Crusty 98; 3, Wyoming Hereford Ranch on WHR Target 19; 4, Milky Way Herefords on MW Super Larry 15; 5, Hardy Grissom Ranch on EG Prince Mixer 246; 6, Milky Way Herefords on MW Zato Larry 7; 7, Peterson Bros. on Larry Shadow 63; 8, Painter Herefords on PHR Dandy Larry 24; 9, Roy R. Largent on LS Pr. Publican 151; 10, Dudley Bros. on DB Royal Duke 79.

Champion Bull: Milky Way Hereford Ranch on MW Prince Larry 62.

Reserve Champion Bull: CK Ranch on CK Crusty 46.

Three bulls, owned by exhibitor (17 shown): 1, Milky Way Hereford Ranch; 2, Turner Ranch; 3, Dudley Bros.; 4, Hardy Grissom Ranch; 5, CK Ranch; 6, Painter Hereford Ranch; 7, CK Ranch; 8, Arledge Ranch; 9, En-De Hereford Ranch; 10, Wyoming Hereford Ranch.

Two bulls, bred and owned by exhibitor (20 shown): 1, Milky Way Hereford Ranch; 2, Turner Ranch; 3, Dudley Bros.; 4, Hardy Grissom Ranch; 5, CK Ranch; 6, W. J. Largent & Son; 7, CK Ranch; 8, Painter Hereford Ranches; 9, Arledge Ranch; 10, Circle A Hereford Farm.

Two-year-old heifers, calved between May 1 and Aug. 31, 1949 (5 shown): 1, Foster Farms on FT Domino Lady 91; 2, Milky Way Hereford Ranch on MW Princess Larry 70; 3, Johnston's Squarebitt Herefords on Blue Bonnet Domino 154; 4, Wyoming Hereford Ranch on Entry; 5, Platte Canyon Ranch on GS Lady Larry 3.

Senior yearling heifers calved between Sept. 1 and Dec. 31, 1949 (11 shown): 1, Turner Ranch on TR Zato Heiress 46; 2, Foster Farms on FT Miss Alpine C 6; 3, Circle A Hereford Ranch on CA Larryette 1; 4, CK Ranch on CK Kristine 51; 5, Thurber & Herschede on TH Larry Princess; 6, Thurber & Herschede on TH Larry Princess 1; 7, Straus Medina Hereford Ranch on Straus Royal Lady 27; 8, G. C. Parker on Miss Flashed 2; 9, Painter Hereford Ranches on PHR Beca Lady 51; 10, Fred C. DeBernard on Tot Royal Super 8.

Junior yearling heifers, calved between Jan. 1 and April 30, 1950 (18 shown): 1, Circle A Hereford Farm on CA Citationette; 2, Johnston's Squarebitt Herefords on Johnston Domino 6; 3, Wyoming Hereford Ranch on WHR Peggy Lou 16; 4, Johnston's Herefords on Miss JJ Publican 7; 5, Milky Way Hereford Ranch on MW Miss Mixer 20; 6, J. Francis Miller Herefords on Lady Dandy Larry 5; 7, Milky Way Hereford Ranch on MW Miss Mixer 21; 8, Arledge Ranch on Miss BR Mixer 3; 9, G. C. Parker on Belle 14; 10, Turner Ranch on TR Zato Heiress 70.

Summer yearling heifers, calved between May 1 and Aug. 31, 1950 (21 shown): 1, Wyoming Hereford Ranch on WHR Madeline 4; 2, CK Ranch on CK Cameo 115; 3, W. J. Largent & Son on Blue Bonnet Domino 186; 4, Circle A Hereford Farm on CA Larryette 14; 5, Milky Way Hereford Ranch on MW Zatos Larryanna 6; 6, Johnston's Squarebitt Herefords on Miss Colo. Royal 7; 7, Milky Way Hereford Ranch on MW Miss Blue Bell 9; 8, Milky Way Hereford Ranch on MW Miss Dandy 12; 9, Circle A Hereford Farm on CA Larryette 10; 10, Painter Hereford Ranches on PHR Larryanna 1.

Senior heifers, calved between Sept. 1 and Dec. 31, 1950 (19 shown): 1, Milky Way Hereford Ranch on MW Zatos Larryanna 4; 2, J. Francis Miller Herefords on Miss Dandy Dom. 117; 3, J. T. Reagor, Yampa, Colo., on CN Miss Manna 48; 4, J. Francis Miller Herefords on Miss Dandy

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Homer Stalling	Kenific	C. J. Huelsenkamp	Broken Bow
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100 choice coming two-year-old range raised, registered Hereford bulls of popular bloodlines. Will sell one or a car lot. Registration certificates with each bull.

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Dom. 120; 5, Arledge Ranch on Miss BR Mixer 16; 6, Turner Ranch on TR Zato Heires 124; 7, Turner Ranch on TR Lady Larry 2; 8, Circle A Hereford Farm on CA Larryette 17; 9, Wyoming Hereford Ranch on WHR Starlette 47; 10, Suncrest Hereford Ranch on S Radiant Miss RP.

Junior heifer calves, calved between Jan. 1 and March 31, 1951 (30 shown): 1, Hardy Grissom Ranch on EG Royal Lady 253; 2, Milky Way Hereford Ranch on MW Miss Mixer 44; 3, Roy R. Largent on LS Blue Bonnet 285; 4, W. J. Largent on Dandy Blue Bonnet; 5, Thurber & Herschede on Larry's Donna 15; 6, Circle A Hereford Farm on CA Larryette 27; 7, Johnston's Squarebilt Herefords on JJ Blue Bonnet Domino 9; 8, Fulwiler Hereford Ranch on FHR Duchess 24; 9, Turner Ranch on TR Zato Heires 164; 10, CK Ranch on CK Kristine 84.

Summer heifer calves, calved on or after April 1, 1951 (31 shown): 1, Hardy Grissom Ranch on EG Royal Lady 305; 2, CK Ranch on CK Patay 2; 3, Painter Hereford Ranches on PHR Miss Mixer 65; 4, Milky Way Hereford Ranch on MW Zatos Larryanna 5; 5, Turner Ranch on TR Zato Heires 159; 6, Milky Way Hereford Ranch on MW Princess Larry 113; 7, Milky Way Hereford Ranch on MW Zatos Heires 2; 8, Milky Way Hereford Ranch on MW Miss Blue Bell 15; 9, Roy R. Largent on LS Blue Bonnet 292; 10, Johnston's Squarebilt Herefords on JJ Blue Bonnet Dom. 11. Champion Female: Hardy Grissom Ranch on EG Royal Lady 253.

Reserve Champion Female: Milky Way Hereford Ranch on MW Zatos Larryanna 4.

Two females, bred and owned by exhibitor (18 shown): 1, Milky Way Hereford Ranch; 2, Hardy Grissom Ranch; 3, Wyoming Hereford Ranch; 4, J. Francis Miller Herefords; 5, CK Ranch; 6, Johnston's Squarebilt Herefords; 7, Milky Way Hereford Ranch; 8, Circle A Hereford Farm; 9, Foster Farms; 10, Turner Ranch.

Get of Sire, four animals all by one sire, both sexes to be represented, all to be owned by exhibitor (11 shown): 1, Milky Way Hereford Ranch on the get of Zatos Aristocrat; 2, Turner Hereford Ranch on the get of TR Zato Heir 59; 3, Milky Way Hereford Ranch on the get of MW Larry Dom. 37; 4, Circle A Hereford Farm on the get of MW Larry Dom. 153; 5, Hardy Grissom Ranch; 6, CK Ranch on the get of CK Cruiser D 34; 7, Arledge Ranch on the get of BR Proud-mixer; 8, Painter Hereford Ranches on the get of Dandy Larry D 47; 9, Dudley Bros. on the get of JJ Larry Dom. 7; 10, Thurber & Herschede on the get of MW Larry Dom. 116.

Junior Get of Sire, four calves all by one sire, both sexes to be represented, all to be owned by exhibitor (9 shown): 1, Milky Way Hereford Ranch on the get of Zatos Aristocrat; 2, Hardy Grissom Ranch on the get of HG Proud Mixer 579; 3, Turner Hereford Ranch on the get of TR Zato Heir 68; 4, Johnston's Squarebilt Herefords on the get of Publican Dom. 173; 5, Wyoming Hereford Ranch on the get of WHR Ideal Duke 1; 6, CK Ranch on the get of CK Cascade 28; 7, Peterson Bros. on the get of Larry G Dom. 6; 8, Circle A Hereford Ranch on the get of MW Larry Dom. 153; 9, CK Ranch on the get of CK Cruiser D 34.

Pair of yearlings, one bull and one heifer, owned by exhibitor (10 shown): 1, Milky Way Hereford Ranch; 2, CK Ranch; 3, Wyoming Hereford Ranch; 4, Arledge Ranch; 5, Milky Way Hereford Ranch; 6, Circle A Hereford Farm; 7, Turner Hereford Ranch; 8, Dudley Bros.; 9, G. C. Parker; 10, Thurber & Herschede.

Pair of calves, bull and heifer, bred and owned by exhibitor (18 shown): 1, Hardy Grissom Ranch; 2, CK Ranch; 3, Milky Way Hereford Ranch; 4, Roy R. Largent; 5, Hardy Grissom Ranch; 6, Painter Hereford Ranch; 7, Milky Way Hereford Ranch; 8, Turner Hereford Ranch; 9, Turner Hereford Ranch; 10, Peterson Bros.

The Aberdeen-Angus Show

Midwestern breeders won the majority of first places in the Aberdeen-Angus show which was judged by T. Alex Edwards, Watford, Ontario, Canada.

J. Garrett Tolan Farms, Pleasant Plains, Ill., showed the senior and grand champion bull, Quality Bardolier 3rd, and West Woodlawn Farms, Crestone, Ill., had the junior and reserve grand champion, Black Knight 20th of AV. Bardolier 170th of Wilton, shown by Otto G. Nobis, Davenport, Iowa, was reserve senior champion and Black Bardolier of Den Mor, shown by Great Oaks Stock Farms, Rochester, Mich., was reserve junior champion.

Fenney & James, Hamilton, Mo., showed the senior and grand champion female, Eileenmere's Erica WHF, and Tolan had the junior and reserve champion, Effie's Blackcap Missie. Tolan also showed the reserve senior champion, Eulimamere T., and the reserve junior champion, White Gate Edwina.

Other first prize winners included

FOURTH ANNUAL BECKHAM HEREFORD BREEDERS ASSOCIATION SHOW and SALE FRIDAY, FEB. 15th ★ SAYRE, OKLA.

Showing and placing of cattle, 9:00 A. M. Sale starts promptly
at 12:30 P. M., FFA and 4-H Club Show Barn, Sayre, Okla.

Selling 48 Bulls and 45 Females

Breeding: You will find in this offering of cattle some real Larry breeding;
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G. F. Carpenter	Mangum, Okla.	M. A. Berry	Sayre, Okla.
Woodrow Phillips	Sayre, Okla.	Dr. Bruce Storm	Elk City, Okla.
A. H. Grant & Sons	Gould, Okla.	Wyett Chandler	Carter, Okla.
Jewel & Jo Ann VanVacter	Carter, Okla.	Cecil & Mary Lou Kitchens	Sayre, Okla.
Bonnie Powell	Elk City, Okla.	C. I. & Newlin Jones	Sayre, Okla.
H. H. Reeves	Shamrock, Texas	E. L. Ray	Erick, Okla.
J. C. Spurlin	Reydon, Okla.	Carl Knox	Erick, Okla.
Cleo Walter	Elk City, Okla.	W. S. Mason & Son	Cordell, Okla.
C. J. Frantz, Jr.	Waka, Texas	Dr. W. C. Tisdal	Clinton, Okla.
Marshal Jordon	Clinton, Okla.	William D. Lakey	Sayre, Okla.
Floyd Roberts, Jr.	Gould, Okla.	J. F. Brown, Jr.	Sayre, Okla.
Evan K. Fuchs	Mayfield, Okla.	Oscar & Mabel Forgey	Canadian, Texas
J. M. Burden	Sayre, Okla.	R. T. Alexander & Son	Canadian, Texas
Duggins Hereford Farms	Carter, Okla.		

Auctioneer: Jewett Fulkerson • Judge of Show: Jake Hess, McLean, Texas

For catalogs write William D. Lakey, Secretary, Sayre, Oklahoma.

Beckham County Hereford Breeders Assn.

Rosemere Farms, Maquoketa, Iowa, and Los Olivos, Cal., Shady Lane Farms, Clear Lake, S. D., and Simon Angus Farm, Madison, Kans.

Aberteen-Angus awards follow:

Two-year-old bulls, calved between May 1, 1948, and April 30, 1949 (11 shown): 1, J. Garrett Tolan Farms, Pleasant Plains, Ill., on Quality Bardolier 3; 2, Penney & James, Hamilton, Mo., on Homeplace Eileenmere 115; 3, Wayland Hopley Farms, Atlantic, Ia., on Proud Eileenmere GH; 4, Otto G. Nobis, Davenport, Ia., on Bardolier 152 of Wilton; 5, Bundles Angus Farm, El Paso, Ill., on Entry; 6, Charles and Catherine Ryan, Anderson, Cal., on Oxbow Eileenmere 42; 7, Simon Angus Farm, Madison, Kans., on Revolution Bardolier 1; 8, WRS Angus Farms, Hutchinson, Kans., on Prince Elbanor WRS; 9, John M. Sheets, Maquoketa, Ia., on Blackcapper of Awoi 23; 10, Wayland Hopley Farms on Eastman of Kentridge.

Senior yearling bulls, calved between May 1 and Dec. 31, 1949 (22 shown): 1, Otto G. Nobis on Bardolier 170 of Wilton; 2, Penney & James on Entry; 3, Penney & James on Homeplace Eileenmere 183; 4, Charles and Catherine Ryan on Emperor Eric 3; 5, Shady Lane Farms, Clear Lake, S. D., on Elbar 17 of Shady Lane; 6, Lloyd C. Albers & Son, Spirit Lake, Ia., on Oaknoll Captain; 7, Simon Angus Farm on Everbest Prince SSS 12; 8, Ackard Cattle Co., Denver, Colo., on Harken's Bell Boy 92; 9, Norm Smith, Larkspur, Colo., on Bardolier N 17; 10, Great Oaks Stock Farms, Rochester, Mich., on Great Oaks Bar Rosemar 4; 11, Otto G. Nobis on Black Peer of Red Oak 6; 12, Wayland Hopley Farms on Entry.

Junior yearling bulls, calved between Jan. 1 and April 30, 1950 (16 shown): 1, West Woodlawn Farms, Creston, Ill., on Black Knight 20th of Angus Valley; 2, J. Garrett Tolan Farms on Eileenmere 1550; 3, Simon Angus Farm on Everbest Prince SAF 25; 4, Penney & James on Homeplace Eileenmere 200; 5, Norm Smith on Bardolier N 47; 6, Charles and Catherine Ryan on Emperor of Ferndale 138; 7, Wayland Hopley Farms on Prince Sunbeam 690; 8, El-Tae Ranch, Valley Center, Cal., on El-Tae Georgiana; 9, Lloyd C. Albers & Son on Oaknoll Erica 3; 10, Fox & Sons, Watertown, S. D., on Fox's Elbar 2.

Summer yearling bulls, calved between May 1 and Aug. 31, 1950 (22 shown): 1, Great Oaks Stock Farms on Great Oaks Blackcapmar 8; 2, Penney & James on Homeplace Eileenmere 316; 3, R. T. and Mel Davis, Wheatridge, Colo., on Prince of Red Gate 19; 4, Simon Angus Farm on Prince Edwin R T MC; 5, Otto G. Nobis on Bardolier 423 of Wilton; 6, Shady Lane Farms on

Prince 801 of Shady Lane; 7, Don Head Farms, Richmond Hill, Ontario, Canada, on Bardolier of Don Head 69; 8, Charles and Catherine Ryan on Springmere 240; 9, John M. Sheets on Blackcap's Quality Eric WL; 10, Johnson Bros., Ida Grove, Ia., on Barb Lad 305 of Ida.

Senior bull calves, calved between Sept. 1 and Dec. 31, 1950 (15 shown): 1, Great Oaks Stock Farms on Black Bardolier of Den-Mor; 2, Penney & James on Homeplace Eileenmere 264; 3, J. Garrett Tolan Farms on Bardoliermere 53; 4, Penney & James on Homeplace Envious 93; 5, Simon Angus Farm on Everbest Prince 89 of SAF; 6, Simon Angus Farm on Prince 91 of SAF; 7, Shady Lane Farms on Prince 220 of Shady Lane; 8, Wayland Hopley Farms on Black Grenadier; 9, R. T. and Mel Davis on Black Bardolier D 73; 10, John M. Sheets on Bardolier Elban.

Junior bull calves, calved between Jan. 1 and March 31, 1951 (15 shown): 1, Penney & James on Homeplace Eileenmere 280; 2, J. Garrett Tolan on Entry; 3, El-Tae Ranch on El-Tae Bardolier; 4, Charles and Catherine Ryan on Eric's Supreme; 5, Simon Angus Farm on Everbest Prince 92 of SAF; 6, J. Garrett Tolan Farms on Great Oaks Bar Rosemar 4; 7, Otto G. Nobis on Bardolier 232 of Wilton; 8, Red Oak Farms on Black Peer of Red Oak 6; 9, Wayland Hopley Farms on Entry.

Summer junior bulls, calved after April 1, 1951 (11 shown): 1, Rosemere Farms on Quality Lad of Rosemere 2; 2, Simon Angus Farm on Everbest Prince 100 of SAF; 3, R. T. and Mel Davis on Black Bardolier D 88; 4, Red Oak Farms on Black Peer of Red Oak 12; 5, Charles and Catherine Ryan on Burgermeister; 6, Shady Lane Farms on Prince 145 of Shady Lane; 7, Otto G. Nobis on Hideaway Wiltonier; 8, Wayland Hopley Farms on Entry; 9, Johnson Bros. on Prince Lad 30 of Ida; 10, John M. Sheets on Antler of Awoi 9.

Champion Bull: J. Garrett Tolan Farms on Quality Bardolier 3.

Reserve Champion Bull: Otto G. Nobis on Bardolier 170 of Wilton.

Champion Junior Bull: West Woodlawn Farms on Black Knight 20 of Angus Valley.

Reserve Champion Junior Bull: Great Oaks Stock Farms on Black Bardolier of Den-Mor.

Grand Champion Bull: J. Garrett Tolan Farms on Quality Bardolier 3.

Reserve Grand Champion Bull: West Woodlawn Farms on Black Knight 20 of Angus Valley.

Five bulls (8 shown): 1, J. Garrett Tolan Farms; 2, Penney & James; 3, Great Oaks Stock Farms; 4, Simon Angus Farm; 5, Otto G. Nobis; 6, Wayland Hopley Farms.

Three bulls (10 shown): 1, Penney & James; 2, Simon Angus Farm; 3, Fox & Sons; 4, Great Oaks

Stock Farms; 5, Otto G. Nobis; 6, Wayland Hopley Farms.

Two bulls (15 shown): 1, J. Garrett Tolan Farms; 2, Penney & James; 3, Penney & James; 4, Otto G. Nobis; 5, El-Tae Ranch; 6, Simon Angus Farm; 7, Shady Lane Farms; 8, Great Oaks Stock Farms; 9, Fox & Sons; 10, Norm Smith.

Two-year-old heifers, calved between Jan. 1 and June 30, 1949 (8 shown): 1, Penney & James on Eileenmere's Erica WHF; 2, Simon Angus Farm on Miss Edna 6 of Esmer; 3, WRS Angus Farm on Eric's Edella A; 4, Harold and Pearl Bohlender, La Salle, Colo., on Bebe Georgiana 25; 5, John M. Sheets on Elluna K 5; 6, Shady Lane Farms on Petri 84 of Shady Lane; 7, Fox & Sons on Elbar's Barbara 3; 8, Wayland Hopley Farms on Miss Burgess 14 of Wilton.

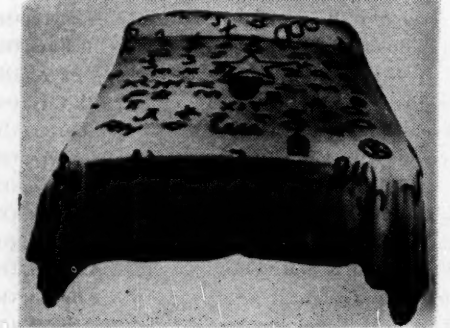
Senior yearling heifers, calved between July 1 and Dec. 31, 1949 (12 shown): 1, J. Garrett Tolan Farms on Euliamere T; 2, Great Oaks Stock Farms on Pride 30 of Great Oaks; 3, Charles and Catherine Ryan on Blackcap of JR; 4, Penney & James on Homeplace Burgess 30; 5, Hacienda De Los Reyes, Selma, Cal., on McMahan's Ballindalloch; 6, Shady Lane Farms on Elga Elbar of Shady Lane; 7, John M. Sheets on Entry; 8, Red Oaks Farms, Rocky Comfort, Mo., on Elbarra of TV; 9, WRS Angus Farm on Joan 6 of Wilton; 10, Lewis B. Pierce, Creston, Ill., on Queen of Woodlawn 20.

Junior yearling heifers, calved between Jan. 1 and April 30, 1950 (25 shown): 1, J. Garrett Tolan Farms on Ellic's Blackcap; 2, J. Garrett Tolan Farms on Pride Parade 2; 3, Penney & James on Homeplace Blackbird 90; 4, Robert G. Schmidt, Delmar, Ia., on Enchantia of Deep View 4; 5, West Woodlawn Farms on Blackberry of West Woodlawn; 6, El-Tae Ranch on Barbara of El-Tae; 7, Simon Angus Farm on Blackbird Lass 35; 8, Great Oaks Stock Farms on Blackbird 36; 9, Red Oak Farms on Missouri Barbare of GV 16; 10, Penney & James on Homeplace Queen Morher 40.

Summer yearling heifers, calved between May 1 and Aug. 31, 1950 (26 shown): 1, Shady Lane Farms on Peg O of Shady Lane; 2, Penney & James on Homeplace Bar Blackbird 19; 3, J. Garrett Tolan Farms on Barbaramere 45; 4, Great Oaks Stock Farms on Eileen C 7 of Great Oaks; 5, J. Garrett Tolan Farms on Barbaramere 36; 6, Otto G. Nobis on Miss Burgess 24 of Wilton; 7, West Woodlawn Farms on Eileenmere 2 of West Woodlawn; 8, Fox & Sons on Fox's River Marshall 4; 9, Charles and Catherine Ryan on Eline Roia E; 10, WRS Angus Farm on Bertram's Lassie A.

Senior heifer calves, calved between Sept. 1 and Dec. 31, 1950 (21 shown): 1, J. Garrett Tolan Farms on White Gates Edwina; 2, J. Garrett To-

Personalized Western Bedspread



BX-13—"Longhorn." 132 well-known cattle brands and steer's head in Desert Rust yarns on White-Tan-Gold backgrounds of best quality sheeting. Also with Hereford head if wanted; be sure to state which. Your own brand may be added in star above steer's head if wanted.

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Marieta, two-year-old mare, well broke.
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★ A feature of our offering will be the sale of the great stud Hippy.

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SATURDAY

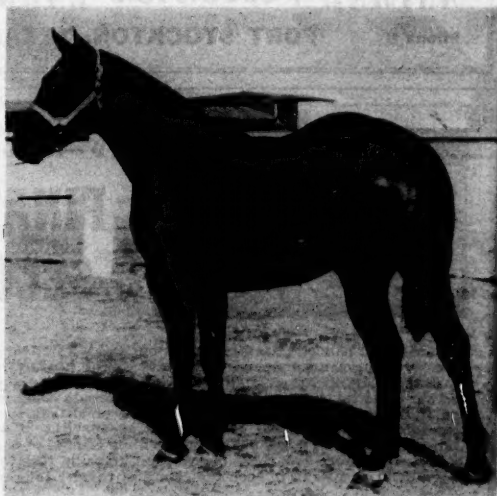
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Fort Worth, Texas

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56 HEAD

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Cuban Brown, two-year-old stud colt, well broke.
HE SELLS

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FINANCIAL SECURITY

We are just a pair of little Chinchillas but we're worth more than our weight in gold. With proper management and care we can be a source of financial security in the years to come. If all of our kind in this country were to be killed now and our pelts taken, less than 700 full-length coats could be made from our fur, and if that happened there would be none of us left to assure luxurious fur pieces for beautiful ladies in the years ahead. But, if we are left alone and allowed to breed, in a few years there will be enough of us so that our pelts can be taken and made into those marvelous Chinchilla furs that are so rare and so desirable. Our furs have been the choice of royalty for centuries.

If you will come out to Imperial Chinchilla Sales' unique, modern showroom at 950 West Rosedale today and select a pair of us, or two or three pairs, we will work for you, part time or full time, and help to make your future financially secure. We are all N. C. B. A. registered, pedigreed and graded. Drop a line to the above address, telephone us at FORTUNE 6450, or come by and see us for descriptive booklet and full details. We are open from 9 a. m. to 5 p. m. daily, and 2 p. m. to 5 p. m. on Sundays.

Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952

lan Farms on White Gates Rosebud Pride; 3, Penney & James on Homestead Kilderica 10; 4, West Woodlawn Farms on Karama 3 of West Woodlawn; 5, Otto G. Nobis on Blackcap Bessie 39 of Wilton; 6, Penney & James on Homestead Elaneria 49; 7, El-Tae Ranch on El-Tae Elsa; 8, Simon Angus Farms on Blackcap Bessie 85 of SAF; 9, Simon Angus Farm on Miss Prudence of Sunflower; 10, Great Oaks Stock Farms on Blackbird 41 of Great Oaks.

Junior heifer calves, calved between Jan. 1 and March 31, 1951 (18 shown): 1, J. Garrett Tolan Farms on Elbamera T; 2, Otto G. Nobis on Georgina 2 of Wilton; 3, Red Oak Farms on Miss Georgina of ROF; 4, R. T. and Mel Davis on Rally Blackcap 43; 5, R. T. and Mel Davis on Blackcap Bessie D 10; 6, Otto G. Nobis on Blackcap of Wilton 30; 7, Penney & James on Homestead Burgess 24; 8, Simon Angus Farm on Blackcap Bessie 172 of SAF; 9, Great Oaks Stock Farm on Blackcap 30 of Great Oaks; 10, El-Tae Ranch on El-Tae Lady Bardolier.

Summer junior heifers, calved after April 1, 1951 (14 shown): 1, Simon Angus Farm on Gammere 177 of SAF; 2, Otto G. Nobis on Entry; 3, Simon Angus Farm on Blackcap Bessie 175 of SAF; 4, Charles and Catherine Ryan of Elina Reia 2; 5, Red Oak Farms on Blackcap Bessie of ROF; 6, Wayland Hopley Farms on Entry; 7, Rosemere Farms on Epipania of Rosemere 15; 8, WRS Angus Farms on Erica Beauty WRS; 9, Shady Lane Farms on Elga EP 2 of Shady Lane; 10, R. T. and Mel Davis on Erica 7 of Erica 7.

Champion Senior Female: Penney & James on Eileenmere's Erica WHF.

Reserve Champion Senior Female: J. Garrett Tolan Farms on Eulimamere T.

Champion Junior Female: J. Garrett Tolan Farms on Effie's Blackcap Missie.

Reserve Champion Junior Female: J. Garrett Tolan Farms on White Gates Edwina.

Grand Champion Female: Penney & James on Eileenmere's Erica WHF.

Reserve Grand Champion Female: J. Garrett Tolan Farms on Effie's Blackcap Missie.

Get of Sire (11 shown): 1, J. Garrett Tolan Farms; 2, Penney & James; 3, Otto G. Nobis; 4, Simon Angus Farm; 5, Charles and Catherine Ryan; 6, Great Oaks Stock Farms; 7, Shady Lane Farms; 8, Fox & Sons; 9, Red Oaks Farms; 10, Wayland Hopley Farms.

Junior Get of Sire (9 shown): 1, Penney & James; 2, J. Garrett Tolan Farms; 3, Simon Angus Farm; 4, Charles and Catherine Ryan; 5, Otto G. Nobis; 6, Red Oak Farms; 7, Wayland Hopley Farms; 8, R. T. and Mel Davis; 9, John M. Sheets.

Pair of females (17 shown): 1, J. Garrett Tolan Farms; 2, Penney & James; 3, J. Garrett Tolan Farms; 4, Otto G. Nobis; 5, Penney & James; 6, West Woodlawn Farms; 7, Great Oaks Stock Farms; 8, El-Tae Ranch; 9, Shady Lane Farms; 10, Simon Angus Farms.

Pair of yearlings (11 shown): 1, J. Garrett Tolan Farms; 2, Penney & James; 3, Great Oaks Stock Farms; 4, Shady Lane Farms; 5, Otto G. Nobis; 6, Simon Angus Farm; 7, El-Tae Ranch; 8, Antelope Springs Ranch; 9, Fox & Sons; 10, Wayland Hopley Farms.

Pair of calves (16 shown): 1, Penney & James; 2, J. Garrett Tolan Farms; 3, Simon Angus Farm; 4, Penney & James; 5, El-Tae Ranch; 6, Great Oaks Stock Farms; 7, Charles and Catherine Ryan; 8, Simon Angus Farm; 9, Otto G. Nobis; 10, Rosemere Farm.

Produce of dam (9 shown): 1, Otto G. Nobis; 2, Great Oaks Stock Farms; 3, Fox & Sons; 4, Shady Lane Farms; 5, Charles and Catherine Ryan; 6, Wayland Hopley Farms; 7, Simon Angus Farm; 8, Charles and Catherine Ryan; 9, John M. Sheets.

The Shorthorn Show

Breeders from six states were represented in the Shorthorn show which was judged by Paul W. Teegardin, Ashville, Ohio.

Sunset Bounce 25th, a son of Cruggles-



Clara Belle, reserve champion Shorthorn heifer, National Western Stock Show, owned by John R. Cumming & Son, Elizabeth, Colo.

Announcing
SMITHDALE SPOTLIGHT
Sale
APRIL 14, LIMESTONE, TENN

SMITHDALE HEREFORD FARMS
Limestone, Tennessee

TO ALL OUR HEREFORD FRIENDS:

Late in the fall of 1950 we purchased the entire heifer calf crop of several leading breeders in Nebraska, Colorado, Wyoming and Texas. All of these have been developed in a manner to insure their future usefulness and they are of such type, quality and breeding that we would like to keep every one of them in our herd.

However, since limited space and shortage of pasture prevents us from doing this, we have picked the TOP 220 out of 500 head and will sell them at auction on **MONDAY, APRIL 14**. Approximately 190 of the heifers will be bred and some 30 will sell open.

The bred heifers will carry the service of **HILLCREST LARRY 13th**, a son of the champion and sire of champions, **HC Larry Domino 12th**, and **HILLCREST LARRY 35th**, another son of the "12th" that is a full brother to the \$70,500 Hillcrest Larry 4th.

None of the heifers will be highly fitted but all are in strong breeding condition. Here is a chance to make a modest investment and reap a great profit. The size of the offering is a guarantee that there will be lots of bargains.

SMITHDALE HEREFORD FARMS

John C. Smith - Wm. J. Smith

P. S. Free delivery on 5 head or more.



MW LARRY DOMINO 43rd

Featuring

**THE GET AND
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**MW
LARRY DOMINO**

43rd



CLF LARRY DOMINO 66th

Successfully shown in 1950 and 1951. Considered to be one of the top show bulls of the nation.



CLF LARRY DOMINO 45th

Full brother to the outstanding herd bull CLF Larry Domino 7th, owned by Woodlawn Hereford Farm, Lawrenceburg, Tennessee



CLF LARRY DOMINO 64th

Considered by many to be one of the top sons of the "43rd"



CLF LARRY DOMINO 74th

Full brother of CLF Larry Domino 1st and 20th, outstanding herd sires at Hendercrest Farms, Jackson, Mississippi, and Charles F. Moore, Dyersburg, Tennessee

An opportunity to buy top individuals and breeding

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HEREFORDS

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15 BULLS and 35 FEMALES AT THE FARM



CLF MISS LARRY 72nd

This is one of the top "43rd" heifers of the sale.
Bred to Baca Duke 120th.



CLF MISS LARRY 73rd

Another top "43rd" heifer bred to Baca Duke 120th



MISS PLUS 77th

Sired by Plus Return 1st, owned jointly by F. D. Jones and M. D. Willhite of Texas. She sells bred to MW Larry Domino 43rd.



MISS PLUS 74th

Another of the top heifers sired by Plus Return 1st. She sells bred to MW Larry Domino 43rd.



Our Sixth Annual Sale will feature the get and service of MW Larry Domino 43rd. Also a further attraction is the service of our new bull, Baca Duke 120th. The bulls being offered are tops all the way. Those pictured here are truly representative. Of the bred heifers, 11 are by the well-known Plus Return 1st that is owned jointly by Frank Jones and M. D. Willhite of Texas. All of these heifers carry the service of the "43rd."

All in all this is by far our best offering and we sincerely believe breeders can make a profitable investment at our farm February 25th. You are cordially invited to attend our sale.



Attend the Fowler Hereford Farm Sale Feb. 26, Hattiesburg, Miss.

GREENVILLE, MISS.

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TRI-STATE HEREFORD BREEDERS ASSOCIATION Eighth Annual Show & Sale

DOMINO LAMPLIGHTER 3rd
1951 Grand Champion Bull
Bred by J. L. and Deming Dock
Gladstone, N. M.



**95 HEAD in
85 LOTS SELL**

HERD BULL
PROSPECTS

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FEMALES

SPACIOUS,
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SHOW FEB. 12 ★ SALE FEB. 13

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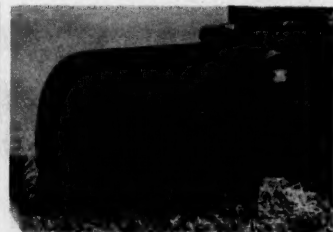
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P. O. Box 1432, Richmond 4, California
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The Cattleman—Subscription rates: One Year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.



Leveldale Rothes Queen, champion Shorthorn female, National Western Stock Show, owned by Mathers Bros., Mason City, Ill.

ton Bounce, shown by B. Hollis Hanson, Connersville, Ind., was named champion bull, the reserve going to Leveldale Good News, by Calrossie Good News, shown by Mathers Bros., Mason City, Ill.

Leveldale Rothes Queen, by Calrossie Good News, shown by Mathers Bros., was champion female, and Clara Belle 32nd, by Kelburn Banker, shown by J. R. Cummings & Son, Elizabeth, Colo., was reserve champion. Clausen Bros., Spencer, Iowa, showed the first prize get of sire.

W. C. Anderson & Son, West Liberty, Iowa, and Clausen Bros., Spencer, Iowa, were among the first prize winners.

Shorthorn awards follow:

Bulls calved between Jan. 1, 1949 and Aug. 31, 1949 (2 shown): 1. B. Hollis Hanson, Connersville, Ind., on Sunset Bounce 25; 2. W. C. Anderson & Son, West Liberty, Ia., on W. L. Max Major 4.

Bulls calved between Sept. 1, 1949, and Dec. 31, 1949 (3 shown): 1. Mathers Bros., Mason City, Ill., on Kair Babram; 2. B. Hollis Hanson on HIF Command Bounce; 3. John R. Cummings & Son, Elizabeth, Colo., on Eleons National Leader.

Bulls calved between Jan. 1, 1950, and April 30, 1950 (4 shown): 1. Mathers Bros. on Leveldale Bond; 2. W. C. Anderson & Son on Viking 3; 3. Clausen Bros., Spencer, Ia., on Goldfinders Favorite; 4. Clarence C. Berger, Grover, Colo., on Regal Vanguard.

Bulls calved between May 1, 1950, and Aug. 31, 1950 (4 shown): 1. Mathers Bros. on Leveldale Basis; 2. W. C. Anderson & Son on Viking 6; 3. Clausen Bros. on Goldfinders Command; 4. B. Hollis Hanson on HIF Sergeant Bounce.

Bull calves calved between Sept. 1, 1950, and Dec. 31, 1950 (4 shown): Mathers Bros. on Leveldale Good News; 2. B. Hollis Hanson on HIF Mandarin Bounce; 3. Clausen Bros. on CB Gold Max 4; 4. Mathers Bros. on Hartley Farm Dura 17.

Bull calves calved between Jan. 1, 1951, and April 30, 1951 (7 shown): 1. Mathers Bros. on Leveldale News Flash; 2. W. C. Anderson & Son on WL Max Major 15; 3. W. C. Anderson & Son on Marmack Destiny 8; 4. Clausen Bros. on CB Max Juggler 4; 5. B. Hollis Hanson on HIF Princeton Bounce; 6. B. Hollis Hanson on HIF Justrite Bounce; 7. John R. Cummings & Son on Idylweiss Archer.

Bull calves calved after May 1, 1951 (6 shown): 1. W. C. Anderson & Son on WL Max Major 18; 2. Mathers Bros. on Leveldale Adage; 3. Clausen Bros. on CB Gold Max 7; 4. B. Hollis Hanson on HIF Reserve Bounce; 5. John R. Cummings & Son on Idylweiss Aspiration; 6. Ben R. Ferguson, Jr., Monte Vista, Colo., on Golden Oak Remembrance.

Champion Bull: B. Hollis Hanson on Sunset Bounce 25.

Reserve Champion Bull: Mathers Bros. on Leveldale Good News.

Three bulls (6 shown): 1. Mathers Bros.; 2. W. C. Anderson & Son; 3. Mathers Bros.; 4. B. Hollis Hanson; 5. W. C. Anderson & Son; 6. Clausen Bros.

Two bulls (6 shown): 1. Mathers Bros.; 2. B. Hollis Hanson; 3. Mathers Bros.; 4. W. C. Anderson & Son; 5. W. C. Anderson & Son; 6. Clausen Bros.

Heifers calved between Jan. 1, 1949, and Aug. 31, 1949 (4 shown): 1. W. C. Anderson & Son on Machine Beauty; 2. Mathers Bros. on Leveldale Broadbuds 2; 3. Clausen Bros. on CB Maud 2; 4. John R. Cummings & Son on Idylweiss Dina 3.

Heifers calved between Sept. 1, 1949, and Dec. 31, 1949 (3 shown): 1. John R. Cummings & Son on Clara Belle 32; 2. Mathers Bros. on Princess Amelia 2; 3. John R. Cummings & Son on Rosewood 37.

Heifers calved between Jan. 1, 1950, and April 30, 1950 (8 shown): 1. Clausen Bros. on Roseleaf



THE WORLD'S SOURCE OF
SUPERIOR POLLED HEREFORD
SEED STOCK

Ninth Annual Sale

March 25, 1952

Senatobia, Mississippi

SELLING 60 HEAD

Panola-Tate Polled Herefords have been sold to buyers from eight foreign countries and 38 states.

Facts About This Sale

1. For 7 years it has made the World's Record Average for a Polled Hereford consignment sale.
2. Last year it made 4 new World's Records for Polled Herefords:
 - a) World's top average priced consignment sale \$3983.
 - b) World's record priced Polled Hereford bull \$42,000.
 - c) World's record priced Polled Hereford female \$11,250.
 - d) World's record priced group of Polled Hereford bulls \$8154.
3. This year we are selling more good quality cattle of merit which have been proven in competition at leading shows of the nation than ever before. It includes the 1951 National Grand Champion Female.
4. Prof. A. E. Darlow of Oklahoma A & M College, Stillwater, will judge the cattle the morning of the sale. There will be about 50 catalogued. Only the top 60 will sell. His is the final authority in this sale as to what may sell.
5. Write for Catalogue. It gives all the show winnings, records and pictures of this great offering.

Authors:

JEWETT FULKERSON
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Sale Sponsored By

PANOLA-TATE COUNTY LIVESTOCK ASSOCIATION (AAL)

We also recommend that you attend the Malone Ranch Sale, March 27, 1952, Meridian, Miss.

121; 2, W. C. Anderson & Son on Beauty 10; 3, Mathers Bros. on Leveledale Crocus 2; 4, W. C. Anderson & Son on Rosewood 160; 5, Clausen Bros. on Augusta Maid 5; 6, B. Hollis Hanson on HHF Blythesome B; 7, Clarence Berger on Fairy Jilt 6; 8, John R. Cummings & Son on Idylweiss Princess 2.

Heifers calved between May 1, 1956, and Aug. 31, 1956 (4 shown): 1, Mathers Bros. on Leveledale Ruthes Queen; 2, B. Hollis Hanson on HHF Augusta Sunset B; 3, W. C. Anderson & Son on Violet Mist 46; 4, Mr. and Mrs. Earl Stout on Ramsden Choles.

Heifer calves calved between Sept. 1, 1956, and Dec. 31, 1956 (6 shown): 1, Clausen Bros. on Marigolds Gem 4; 2, B. Hollis Hanson on HHF Gold Bud B; 3, Clausen Bros. on Rosewood Carol 4; 4, W. C. Anderson & Son on Crabstone Beauty 16; 5, Mathers Bros. on Leveledale Blythesome; 6, B. Hollis Hanson on HHF Clipper B.

Heifer calves calved between Jan. 1, 1951, and April 30, 1951 (5 shown): 1, Mathers Bros. on Leveledale Ruthes Queen 2; 2, B. Hollis Hanson on HHF Nonpareil Beauty B 2; 3, B. Hollis Hanson on HHF Broadhooks B; 4, W. C. Anderson & Son on WL Rosewood 160; 5, Clausen Bros. on CB Clara.

Heifer calves calved after May 1, 1951 (5 shown): 1, Mathers Bros. on Leveledale Maiden; 2, W. C. Anderson & Son on WL Secret 2; 3, Clausen Bros. on Violets Princess 123; 4, John R. Cummings & Son on Idylweiss Nonpareil 2; 5, B. Hollis Hanson on HHF Air Nonpareil Dream.

Champion Female: Mathers Bros. on Leveledale Ruthes Queen.

Reserve Champion Female: John R. Cummings & Son on Clara Belle 32.

Get of Sire (5 shown): 1, Clausen Bros.; 2, B. Hollis Hanson; 3, Mathers Bros.; 4, W. C. Anderson & Son; 5, Clausen Bros.

Junior Get of Sire (5 shown): 1, Mathers Bros.; 2, Clausen Bros.; 3, W. C. Anderson & Son; 4, B. Hollis Hanson; 5, Clausen Bros.

Two females (7 shown): 1, Mathers Bros.; 2, Clausen Bros.; 3, B. Hollis Hanson; 4, Mathers Bros.; 5, W. C. Anderson & Son; 6, W. C. Anderson & Son.

Pair of yearlings (6 shown): 1, Mathers Bros.; 2, Mathers Bros.; 3, W. C. Anderson & Son; 4, Clausen Bros.; 5, B. Hollis Hanson; 6, John R. Cummings & Son.

Pair of calves (6 shown): 1, Mathers Bros.; 2, W. C. Anderson & Son; 3, Mathers Bros.; 4, Clausen Bros.; 5, B. Hollis Hanson; 6, W. C. Anderson & Son.

The Quarter Horse Show

The Quarter Horse show, which was judged by John Stevens, Matador, Texas, brought forth a great array of horseflesh, including a number of animals that made names for themselves at major shows.

Sutherland's Paul A, owned by Robert Q. Sutherland, Kansas City, Mo., was named grand champion stallion, and Poco Tivio, owned by Don Dodge, Sacramento, Cal., was reserve champion.

Miss VOH, owned jointly by R. B. Etter, Holly, Colo., and Volney Hildreth, Jr., Aledo, Texas, was named grand champion mare, and Skipalew, owned by Hank Wiescamp, Alamosa, Colo., was reserve champion.

The get of Skipper W, owned by Wiescamp, topped the get of sire class.

Plan NOW to attend!

AMARILLO EXPOSITION

and

FAT STOCK SHOW

MARCH 3, 4, 5, 6, 7—5 BIG DAYS

Amarillo, Texas

Featuring these 5 Big Events!

- ★ HEREFORD SHOW, MONDAY, MARCH 3
- ★ CLUB BOYS SHOW, TUESDAY, MARCH 4
- ★ BLUE RIBBON HEREFORD SALE, WED., MARCH 5
- ★ QUARTER HORSE SHOW, THURSDAY, MARCH 6
- ★ CLUB BOYS SALE, FRIDAY, MARCH 7

"You ALWAYS have a good time in Amarillo"

Quarter Horse awards follow:

Stallions foaled in 1951: 1. Dexters Chief, Marion Wolfe, Colorado Springs, Colo.; 2. Whitcomb's Sandow, C. G. Whitcomb, Sterling, Colo.; 3. Buster Buzz, Harry Raven, Ault, Colo.; 4. Seabiscuit Hancock, Marianne McKee, Albuquerque, N. Mex.; 5. Entry, J. W. Sauer and Pine Valley Ranch, Colorado Springs, Colo.; 6. Rawhide H. Hill Bros., Hereford, Texas.

Stallions foaled 1950: 1. Red Devil, Parke Bros., Malta, Idaho; 2. Strike, Haythorn Land & Cattle Co., Ogallala, Neb.; 3. Chubby's Red Bud, Glen L. Casey, Amarillo, Texas; 4. Purcell Chubby Duffy, Harry Raven; 5. Red Shelton, Murray E. Giffin, Nunn, Colo.; 6. Spot Cash, H. J. Wiescamp, Alamosa, Colo.

Stallions foaled 1949: 1. Scottie Bert, Circle 8 Ranch, McKinney, Texas; 2. Goldie's Son, Harley W. Roth, Rapid City, S. D.; 3. Charley Atlas, Mavis C. Peavy, Padroni, Colo.; 4. Warbonnet Red Hot, Bill Coffee, Harrison, Neb.

Stallions foaled 1948 or before: 1. Sutherland's Paul A. R. Q. Sutherland, Kansas City, Mo.; 2. Poco Tivio, Don Dodge, N. Sacramento, Calif.; 3. Chuck Wagon W. Bob Collins, Brownwood, Texas; 4. Ike Rude, Roy Campbell, Claude, Texas; 5. Chubnick, Hill Bros.; 6. Garcia's Banner, Simon Bros., Colwich, Kans.

Champion Stallion: Sutherlands Paul A. Bob Sutherland.

Reserve Champion Stallion: Poco Tivio, Don Dodge.

Mares foaled 1951: 1. G-Fern Hard Sauce, Ed H. Honnen, Englewood, Colo.; 2. School Mom, Hank Wiescamp; 3. Sutherlands Miss Lynn, R. Q. Sutherland; 4. Hopwoods Rugged Doty, Kenneth L. Hopwood, Shelby, Neb.; 5. Hickory Ann Hill, O. G. Hill, Jr., Hereford, Texas; 6. Mischief Star, R. W. Dudley, Osborne, Kans.

Mares foaled in 1950: 1. Miss VOH, R. B. Etter, Holly, Colo.; 2. Mayflower, O. G. Hill, Jr.; 3. Hussie, Haythorn Land & Cattle Co., Ogallala, Neb.; 4. X-Andra's Ballerina, Perry McGlone, St. Joseph, Mo.; 5. Billie Sue, Harry Raven; 6. Skip-On, Hank Wiescamp.

Mares foaled in 1949: 1. Skipalew, Hank Wiescamp; 2. Skipadoo, Wiescamp Hereford Ranch, Alamosa, Colo.; 3. Purell Sim Em, Harry Raven; 4. Little Miss Foxy, Bill Buchols, Shelby, Neb.; 5. Blades Lady McCue, Jerry Boomhower, Bunker Hill, Kans.; 6. Artemis, Frances Bonham, West Plains, Colo.

Mares foaled in 1948 or before: 1. Wasp Nest, Roy Timbers, Glen Elder, Kans.; 2. Billy's Flossie V, Ed H. Honnen; 3. Set Up "D. D.", Mr. and Mrs. Lawrence Deffan, Brookings, S. D.; 4. Peaches Daugherty, Hill Bros.; 5. Melody Mail,

Mr. and Mrs. Perry McGlone; 6. Leola, John Shuman, Deertrail, Colo.

Champion Mare: Miss VOH, R. B. Etter, Holly, Colo., and Volney Hildreth, Jr.

Reserve Champion Mare: Skipalew, Hank Wiescamp.

Gelding any age: 1. Big Job, Walt Albough, Alamosa, Colo.; 2. Sir William, Chas. A. Morgan, Burk Burnett, Texas; 3. Jimmie Nite, Bruce Calhoun, North Platte, Neb.; 4. Spanky Boy, Tom Maddux, Wauneta, Neb.; 5. Little Dodger, Mrs. M. McAlpine, Jr., Redwing, Colo.; 6. Fame-Atom Cracker, Jack H. Pyder, Salt Lake City, Utah.

Produce of dam: 1. She Flew, Hank Wiescamp; 2. White Sue, C. G. Whitcomb; 3. Roan Queen, R. W. Dudley; 4. Leta Silverstone, T. S. Stinnette, Enders, Neb.

Get of sire: 1. Skipper W. Hank Wiescamp; 2. Chubby Buzz, Harry Raven; 3. Star Duster, Quentin Semontan, Steamboat Springs, Colo.; 4. Fire Fly Chief, Z. N. Gollmer, Seibert, Colo.

Quarter Horse Sale

The eighth annual Quarter Horse sale held by the Rocky Mountain Quarter Horse Association included colts and fillies of prominent bloodlines. Topping the

Hereford

Frederick

SALE

MARCH 5th
AMARILLO, TEXAS

36th ANNUAL BLUE RIBBON SALE

SELLING 118 HEREFORDS

CARLOADS OF
BULLS
At Private Treaty

CARLOADS OF
FEMALES
At Private Treaty

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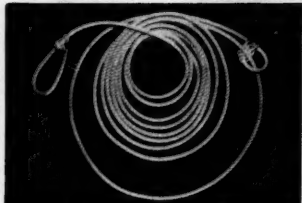


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sale at \$2,000 was Semotan's Streak, a May, 1950, sorrel colt, by Star Duster, consigned by Quentin Semotan, Steamboat Springs, Colo. Semotan also sold two other colts by Star Duster at \$550 and \$500 each. Lady Star M, a brown filly by Nowata Star, consigned by Leonard Milligan, Granada, Colo., sold for \$500. Teedick, a sorrel colt, by Gold Heels, consigned by Mavis C. Peavy, Westplains, Colo., also brought \$500; and Dexter's Chief, a bay colt by Bay Dexter, consigned by Marian L. Wolfe, Colorado Springs, Colo., sold at a similar price.

The 57 head in the sale sold for an average of \$268. Hank Wiescamp was the auctioneer.

The Palomino Show

Spanish Nick, owned by Hank Wiescamp, Alamosa, Colo., was named champion Palomino stock horse stallion, and Sir Nick, also shown by Wiescamp, was reserve.

Wiescamp also showed the champion Palomino stock horse mare, Skipadoo, and Heel's Golden Alice, shown by Mrs. E. H. Caley, Cheyenne, Wyo., was reserve champion.

The champion pleasure type stallion was King Midas, shown by W. Waybill, North Bend, Neb., and Laddie, shown by Bill Carter, Fort Smith, Ark., was reserve champion.

Carter also showed the champion pleasure type mare, Sky Ann, and Bill Simeone, Wheatridge, Colo., showed the reserve champion, Gee Gee Gold.

The champion stock horse type gelding was El Tesoro, shown by Irene V. Knill, Arvada, Colo., and the pleasure type gelding was Sky Rambler, shown by Clyde Carter, Fort Worth.

Ward W. Wells, Oswego, Ore., judged the Palominos.

Palomino awards follow:

STOCK HORSE TYPE

Stallions foaled in 1950: 1, Sir Nick, Hank Wiescamp, Alamosa, Colo.; 2, Tabake, C. E. Jeslop, Westminster, Colo.; 3, Gold Edge, Francis Sedgwick, Newcastle, Wyo.; 4, Michael Lannie, Mary and Mike Stees, Clark, Colo.

Stallions foaled in 1949 or before: 1, Spanish Nick, Hank Wiescamp; 2, Dakota Sun, King, N. P. Voerding, Ft. Collins, Colo.; 3, Silvers Sonny Boy, Ronald Crowther, Gypsum, Kans.; 4, Chubnick, Hill Bros., Hereford, Texas.

Champion Stock Horse Type Stallion: Spanish Nick, Hank Wiescamp.

Reserve Champion Stock Horse Type Stallion: Sir Nick, Hank Wiescamp.

Mares foaled in 1950: 1, Sunflowers Goldie, Loula O. Swick, Broken Bow, Neb.; 2, Sparkle Plenty, J. E. Kanan, Denver, Colo.; 3, L. M. Mae West, Landon K. Moore, Katon, N. Mex.

Mares foaled in 1949 or before: 1, Skipadoo, Hank Wiescamp; 2, Heels Golden Alice, Mrs. E. H. Caley, Cheyenne, Wyo.; 3, Rascalletta, E. H. Caley, Cheyenne, Wyo.; 4, Colorado Zephyr, Chas. R. Moore, Denver, Colo.

Champion Stock Horse Type Mare: Skipadoo, Hank Wiescamp.

Reserve Champion Stock Horse Type Mare: Heels Golden Alice, Mrs. E. H. Caley.

Geldings any age: 1, El Tesoro, Irene V. Knill, Arvada, Colo.; 2, Cody Q. John W. Theno, Golden, Colo.; 3, Palisade, Cleo Jack, Colorado Springs, Colo.; 4, Buster Jim, Chas. A. Morgan, Burnett, Texas.

Champion Stock Horse Type Gelding: El Tesoro, Irene V. Knill.

PLEASURE HORSE TYPE

Stallions foaled in 1950: 1, Little John Silver, Fred L. Knill; 2, Gold Cannata, Walter Rothe, Jr., Kersey, Colo.

Stallions foaled in 1949 or before: 1, King Midas, W. Waybill, North Bend, Neb.; 2, Laddie, Bill Carter, Ft. Smith, Ark.; 3, Golden Sultan, Linda Hennes, Denver, Colo.; 4, Sangre De Oro, F. L. Sprayberry, Evanston, Ill.

Champion Pleasure Type Stallion: King Midas, W. Waybill.

Reserve Champion Pleasure Type Stallion: Laddie, Bill Carter.

Mares foaled in 1950: 1, Cinnamon Ryder, J. D. Carey, M. D., Ft. Collins, Colo.; 2, Mint Julep, Bettie Martin, Greeley, Colo.

Mares foaled in 1949 or before: 1, Sky Ann, Bill Carter; 2, Gee Gee Gold, Bill Simeone, Wheatridge, Colo.; 3, Plaudits Carmen, J. P. Berry,

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{Mischief Lass 62nd 1851060
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In MW Prince Larry 56th we have a great combination of MERIT . . . Great individuality and top Register-of-Merit in his pedigree. His sire ranks 3rd and his dam ranks 1st in living Register-of-Merit animals. His half brother was Grand Champion, Denver, 1952. With his great combination of individuality and breeding we are confident that he will carry on the characteristics for which the Universal Larry Dominos are noted . . . "They do grow out—They do breed on."

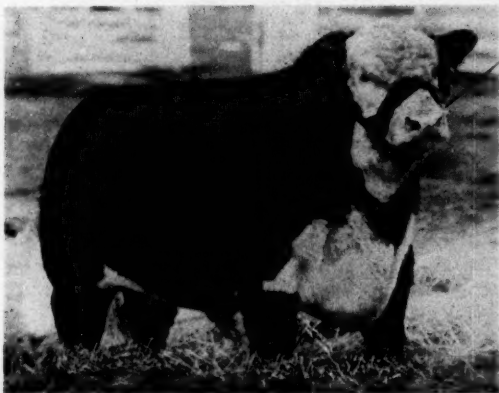
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Follow the **FACTS** to **CMR** FEB. 18th



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CMR Larry Domino 40th, by CMR Larry Domino



CMR Mischief Rollo 20th, by CMR Rollo Domino 47th



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FACT 4: CMR's have been Premier Exhibitor of the breed seven times in the last eleven years including 1951.

FACT 5: Fifty head selling on February 18th are Polled, all out of Polled cows and by Polled bulls and are smooth headed.

FACT 6: CMR breeding strongly represented and contributed to the top four breeder Polled Hereford sales in 1951 and five of the top twenty-five Hereford auctions of 1951.



*Write for catalogue,
all fifty animals pictured.*

CIRCLE  **RANCH**
SENATOBIA, MISSISSIPPI



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Offering eighteen breed improving bulls, all out of Polled cows and by Polled bulls, smooth headed and ready for service, and thirty-two selected top quality females which will start calving in April.



CMR Mischief Domino 63rd, by CMR Rollo Domino 12th



CMR Perfect Rollo 2nd, by CMR Mischief Rollo 9th



CMR Advance Domino 130th, by Circle M Advance Domino



CMR Advance Domino 132nd, by Circle M Advance Domino



CMR Real Rollo 4th, by CMR Rollo Domino 57th



CMR Mischief Domino 59th, by CMR Rollo Domino 12th



Like movies, old sayings "are better than ever." Take that old chestnut, "it's a small world"... there's a bit of wisdom you can really sink your teeth into these days. **Cattle rustling**, of all things, backs up my point. It seems that rustling is on the increase again and particularly in two places about as far apart as the stem and stern of a dachshund. One place is the eastern seaboard, mostly Maryland and Virginia, where cattle raising is rumored to be catching on. The other place?—SOVIET RUSSIA, where an official publication not noted for soft-pedaling tore into the Soviet Central Committee for "failing to check the practice of pilfering publicly owned cattle."

Probably even in Russia, though, cattle stealing by human varmints can't come close to the thieving that's done by the microscopic rustlers lumped under one label—"Disease."

Since Russian cattle are always bumping their heads against the iron curtain, there's no way of telling what cowboy Ivan can do about disease. But fortunately in this country (including the eastern seaboard) more and more cattle diseases can be prevented and controlled. Right now I can tell you how to **kill two rustlers with only one shot**. I mean, of course, with Blacklegol® "S".

Just one 5 cc. dose of Blacklegol "S" gives your cattle long term immunity against BOTH Blackleg and Malignant Edema because it contains the concentrated equivalent of 5 cc. of famous Blacklegol PLUS 5 cc. of Malignant Edema Vaccine. Yet the price is little more than the cost of one vaccine alone.

So why not draw a bead on both these rustlers by vaccinating this spring with Blacklegol "S"?

But better order your double barrel from your Cutter supplier now.

See you next month.

Ol' Bull

CUTTER LABORATORIES
Berkeley, California

Denver, Colo.; 4. Whirlwinds Golden Lassie, Jake T. Vidmar, Jr., Pueblo, Colo.
Champion Pleasure Type Mare: Sky Ann, Bill Carter.
Reserve Champion Pleasure Type Mare: Gee Gee Gold, Bill Simeone.
Gelding any age: 1. Sky Rambler, Clyde Carter, Fort Worth, Texas; 2. Rick Dekker, Roy J. Miller, Denver, Colo.; 3. Tex McCue, Linda Ferguson, Littleton, Colo.; 4. Cottontail, Edna J. Lamb, Denver, Colo.
Champion Pleasure Type Gelding: Sky Rambler, Clyde Carter.

Texas State Championship High School Rodeo June 19-21

HALLETTSVILLE'S local F. F. A. Chapter is holding the sixth annual State Championship High School Rodeo on June 19, 20, and 21, 1952.

The fourth annual National Championship High School Rodeo will be held late in the summer of 1952 in Augusta, Montana. This show was started in August of 1949 in Hallettsville, Texas. It is now rotated among the western states holding State Championship High School Rodeos and all winners in the State Championship Rodeo in June will be eligible for the National Show in Augusta, Montana.

At the sixth annual State Championship Show, the following events will be held for boys: breakaway and tie-down calf roping, bareback bronc riding and steer wrestling and a cutting-horse contest. The girls will have three events: clover-leaf barrel race, cutting-horse contest, and a Queen's Race.

Entry blanks are now available to any boy or girl who is a regular student in high-school or below, this school year, by writing to Claude Mullins, Hallettsville, Texas. Entry deadline is May 1, 1952.

Second Annual LaSalle County Show February 8-9

COTULLA will again be the site of the LaSalle County Livestock Show, which has been scheduled for February 8-9, according to Marvin Brown, South Texas rancher and president of the LaSalle County Show Association. More than 200 cattle are expected to be on exhibit at the show, which will feature top quality Zebu, Santa Gertrudis, and Charbray breeding cattle.

The Junior Division of the Show will include both a fat calf show and sale and a breeding calf show and sale. Represented in the Junior Show will be some 15 types of crossbred animals, while choice steers and top grade breeding stock of the Zebu, Santa Gertrudis, and Charbray breeds will be offered for sale. The projected breeding cattle sale is attracting widespread interest in South Texas and Northern Mexico.

Approximately 150 entries will comprise the senior breeding cattle division of the Show. Twelve classes of Zebu cattle and 12 classes of Santa Gertrudis cattle, plus several competitive classes of Charbray breeding animals will make the Show one of South Texas' largest county cattle shows. Some of the nation's finest Santa Gertrudis cattle have been entered in the Show, and an exceptional exhibit of Zebu cattle from some of the state's finest herds is anticipated.

I enjoy The Cattleman very much. I want my subscription continued for three years and I would also like a three-year subscription for Bert Thompson, Ensign, Kans.—Beverly B. Archer, Dodge City, Kans.



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When you put a good ole reliable Jensen Pumping Unit over your water, you're sure doin' yourself a big favor. It'll just set right there and pump all the water you need. Never gives no trouble. You'll be doin' them cattle of yours a big favor, too.

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DB LARRY DOMINO 40th by JJ LARRY DOMINO 7th

We are most grateful for the acceptance accorded this first prize senior bull calf at the National Western Stock Show and Sale at Denver and extend our sincere thanks to Lazy River Ranches, Saratoga, Wyoming, for their purchase of this son of JJ Larry Domino 7th, one of our top herd sires. We also thank all of the other breeders who bid on this top herd bull prospect. The \$33,250 which Lazy River Ranches paid for him was the top price for a calf in this sale, and the third top price for any animal in the sale.

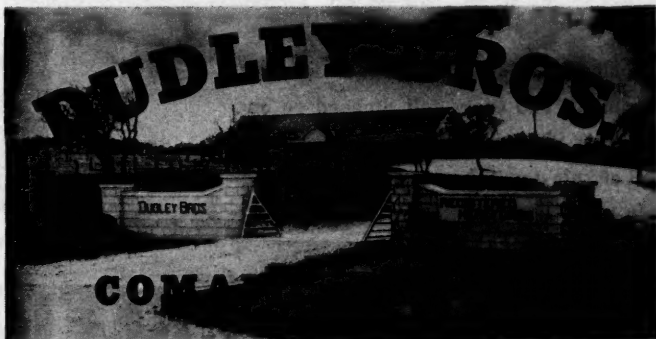
Thanks to Clyde Ford, Olney Springs, Colorado, for his purchase in the Denver Sale of DB Royal Duke 33rd, a son of our WHR Royal Duke 107th.

OUR OTHER WINNINGS AT DENVER:

First prize summer yearling bull of DB Larry Domino 34th • Third prize three bulls
Third prize two bulls

AT SAN ANTONIO

At the San Antonio Sale, February 19, we will sell two senior heifer calves. Both are by JJ Larry Domino 7th and are half sisters to the bull pictured above, DB Larry Domino 40th.



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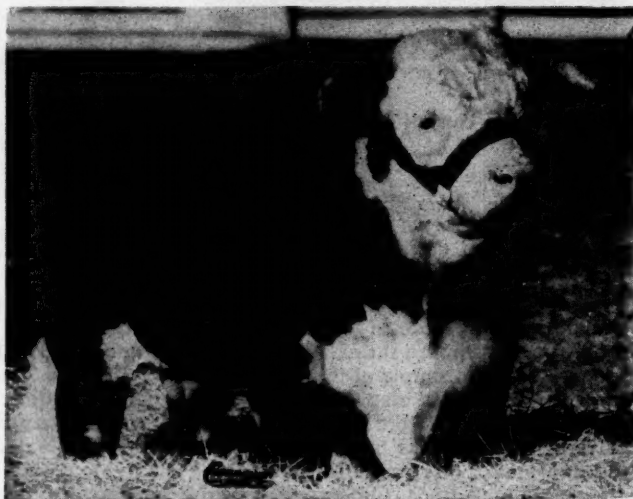


WHR PROUD MIXER 21st

Complete Herd

180 HEAD WILL SELL AT

This offering is catalogued in 130 lots made up of 70 cows, 50 with calves at side . . . 15 bulls (10 serviceable-aged bulls and five herd bulls) . . . and 45 bred and open heifers. Be on hand to benefit from the dispersion of one of the best herds in the South. Fowler Hereford Farm is located one mile east of Purvis, Miss., off Highway 11.



HG ROYAL MIXER 2108th

THIS GRANDSON OF
WHR PROUD MIXER 21st
WILL SELL . . .

We have bred this bull to cows of different bloodlines and every calf dropped on our farm has been exceptionally good and will sell on sale day, February 26.



These cows and calves will sell. The calves are sired by
HG Royal Mixer 2108th

FOWLER HEREFORD FARM

Dispersion ★ February 26

THE FARM STARTING AT 12 NOON

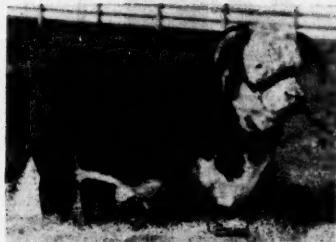
February 26 will be your opportunity to buy sons and daughters of these well-known herd sires: HG ROYAL MIXER 2108th (grandson of WHR Proud Mixer 21st) by HG Proud Mixer 605th; CLF LARRY DOMINO 18th by MW Larry Domino 43d; CIRCLE H LARRY 9th by MW Larry Domino 31st; DAN DOMINO C. by Dan Domino 30th. The cow herd is made up mainly of these bloodlines: WHR PROUD MIXER 21st, WHR ROYAL TRIUMPH, CORONASTER LAD 233d, and MISCHIEF MIXER 13th.

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Auctioneer

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Auctioneer

George Kleier,
THE CATTLEMAN

★



CLF Larry Domino 18th
By MW Larry Domino 43rd
He, his get and service sell



Circle H Larry 9th
By MW Larry Domino 31st
He, his get and service sell



Dukes Duchess 10th
She sells



Proud Mixer 4th
He sells



Dukes Domino Princess 1st
She sells



Larry Ann 2nd
By Circle H Larry 9th
She sells open

For catalogues and reservations, write: THAD L. FOWLER, Box 1230, Hattiesburg, Miss. All cattle have been tested for Bangs, T. B. and Anaplasmosis.

Attend the Cedar Lane Farms sale, Feb. 25, at Greenville, Miss., the Southeastern Hereford Assn. Sale, Feb. 28, at Birmingham, Ala., and Coalton & Pinion Sale, Feb. 29, at Phil Campbell, Ala.

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Raymond M. Davidson,
Owner

See Important
VIT-A-WAY
MESSAGE
On Page 45

A wound on the teat of a lactating cow may ruin the entire quarter if it is not promptly and properly treated.

Concho Hereford Association Fifth Annual Sale

SUMMARY

71 bulls	\$63,580; avg.	\$895
6 females	4,850; avg.	808
77 head	68,430; avg.	889

THE fifth annual sale held by the Concho Hereford Association at San Angelo, Texas, January 5, attracted consignments from 39 breeders. John C. Burns, Fort Worth, judged the cattle before the sale.

Mixer Royal B 73rd, a son of HG Proud Mixer 673rd, consigned by W. B. Barret, Comanche, Texas, topped the sale at \$5,000, going to R. L. Henderson, San Angelo. Henderson also bought the champion bull, Real Domino Gwen, at \$3,000, and the reserve champion, Real Sup Gwen, at \$2,500. Both were by Real Gwen Return, and were consigned by Heston McBride, Blanket, Texas. All told, Henderson bought 17 bulls in the sale.

Libb Wallace & Son, Sonora, Texas, showed the champion heifer, Miss Domino 07. She topped the females at \$1,500, selling to Mrs. H. A. Wimberly, San Angelo. Joe Barton, Sterling City, Texas, paid the second top on females, \$1,100, for Miss Royal Gwen, by Real Gwen Return, consigned by Heston McBride.

George Jacobs, Reno, Nev., was the purchaser of 16 bulls in the sale.

Col. Walter Britten was the auctioneer.

Mid-Texas Hereford Breeders Ninth Annual Sale

SUMMARY

46 bulls	\$27,440; avg.	\$597
18 females	13,355; avg.	742
64 head	40,795; avg.	637

TWENTY-SIX breeders contributed to the success of the ninth annual Hereford sale held by the Mid-Texas Hereford Breeders' Association at Stephenville January 7. Jim Hering, McGregor, Texas, judged the cattle before the sale and selected RG Flashy Duke 3rd, owned by Ray J. Gamble, Blanket, Texas, as champion bull, and WB Royal Mixer 86th, owned by W. B. Barret, Comanche, Texas, as reserve champion. The champion female was Miss Royal 9th, consigned by Parks Hereford Ranch, Clifton, Texas, and the reserve went to Louise Domino S 2nd, consigned by F. B. Shannon, Stephenville.

WB Royal Mixer 86th, the reserve champion, topped the sale, going to E. E. Saylor, Des Moines, N. M., for \$1,875. R. G. Flashy Duke 3rd, the champion, sold for \$1,435 to J. N. Wilkinson, Live Oak Ranch, Tuscola, Texas.

Sam Baize, Stamford, Texas, topped the females when he paid \$1,250 for Roberta Mischief 34th, by D Royal Domino 20th, bred to Larry Triumph 2nd, consigned by Parks Hereford Ranch. Thurman Walker, Lampasas, Texas, paid \$1,100 for Mischievous 24th, by OJR Double Royal, also consigned by Parks Hereford Ranch. She was bred to WHR Carlos Duke.

George Jacobs, Reno, Nev., and Ray Lum, Vicksburg, Miss., were among the larger buyers, each taking nine bulls.

Col. Walter Britten was the auctioneer.

I find The Cattleman very interesting as I used to work on ranches in West Texas and on through New Mexico and Arizona, which are often mentioned in your magazine.—Jacl Segal, Moline, Ill.



Here's the answer to your need for a low-cost, high pressure livestock sprayer. Operates from tractor take-off. Develops 400 lbs. pressure at normal PTO speed. Delivers up to 15 gal. per minute. Ideal for spraying livestock, buildings, orchards, fence rows, etc. Use it also to build your own field sprayer.

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The Cattleman has been in our home for a long time and I have enjoyed it since I was a small girl and have kept most of them. I enjoy each and every issue, especially the horse issue.—Helen Abercrombie, Spur, Texas.

Herd Sire Important Part of Beef Production

THE selection of good breeding stock in beef cattle production is not a simple procedure. Herd sires must be appraised on the basis of conformation and ability to sire fast-gaining progeny. Cows for the breeding herd should be selected for size, type, lifetime production and milk-producing ability, according to Ford C. Daugherty, livestock specialist for the Colorado A. & M. College Extension Service.

He said beef cattle producers interested in improving the efficiency of their operations in the face of higher farm and ranch land values and higher labor, feed and machinery costs will want to produce more beef for every animal they feed. In order to do this, two important factors must be considered.

(1) Selection of breeding stock to produce fast-growing animals which come to market yielding desirable carcasses.

(2) Culling of low producers from both commercial and pure-bred herds.

Daugherty cites recent research by the Bureau of Animal Industry, Department of Agriculture, which was done in cooperation with a number of states, which shows certain characteristics are influenced greatly by heredity.

In selecting a bull, you should be guided by weight for age as well as excellence of beef type, he added. Measurements of rate of gain on feed during the period from weaning to 15 months of age give an accurate yardstick for estimating the animal's ability to transmit desirable growth qualities to his offspring. More accurate selections for

growth ability can be made during this post-weaning period than during the suckling period.

Daugherty points out that commercial cattlemen are asking for a factual record of performance for each individual animal or group of bulls they buy. They are becoming more critical because they recognize the importance of selecting stock on a more reliable basis than appearance alone. Breeders who are recording performance on their beef animals (usually obtained in cooperation with state colleges and federal agencies) will no doubt find their stock in increasing demand.

A check list of points to remember includes:

(1) Select herd replacements on the basis of type, quality, size, growth, ability, disposition, milk production of dams, and milk production of dams of sires. These points are important in both registered and commercial herds.

(2) Select large cows with adequate mammary development, because they tend to produce large calves. Cows should also have acceptable type.

(3) Eliminate all cows from the herd which do a poor job of raising their calves.

(4) Remove cull cattle from the herd at least once or twice a year. Cattle showing evidence of disease should be culled immediately.

(5) Cull rigidly. High labor and feed costs make it very expensive to maintain unproductive cows.

(6) Select replacement heifers which have size as well as type and which are from dams which have size and type as

well as the ability to produce calves heavy and fat at weaning.

(7) The type of the herd should be established by the replacement heifers. This permits the cows to be culled on the basis of calf produced.

Artificial Insemination Short Course

THE seventh artificial breeding inseminators short course will be held at Colorado A. & M. College on March 17 to 21, according to Dr. H. J. Hill, assistant professor, surgery and clinics and manager of the A. & M. artificial breeding service. Fifteen students will be accepted for the course this year, he says.

Applications can be obtained from local artificial breeding associations or county agents. Preference will be given to individuals who will serve as a substitute inseminator for an organized artificial breeding association now functioning; as an inseminator for an artificial breeding association now formed but waiting for an inseminator; as an inseminator for an association to be formed in the near future, or as an inseminator not affiliated with any association.

Purpose of the school is to train selected workers in the technique of breeding dairy cattle artificially. The department of animal husbandry and the School of Veterinary Medicine are cooperating in the training.

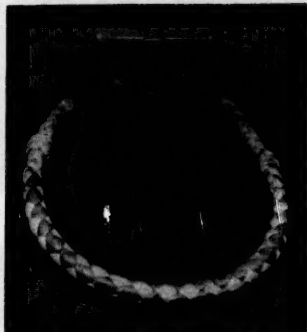
Course work will consist of lectures, laboratory work and discussion covering the fundamentals necessary for an understanding of artificial breeding.

A banquet meeting Friday, March 21, will conclude the training session.

The NEW-IMPROVED "EASY STOP" HACKAMORE

is now available. The jaw piece is raised for more effectiveness. Each ball now has two set screws to prevent slipping. Picture at right shows how PINE JOHN-SON, trainer for WAGGONER'S 3-D'S STOCK FARMS, adjusts his "EASY STOP" to his horse. PINE says, "Now, boys, if you haven't tried the 'EASY STOP' you are missing a good bet. For training any type using horse, it can't be beat."

LIGHT - ATTRACTIVE
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ADJUSTABLE - GUARANTEED



"Easy Stop"—plaited noseband \$8.50

"Easy Stop"—plain cable noseband \$4.50

"Easy Stop"—with Latigo Leather headstall \$9.95

Reins to match headstall \$2.50

"Easy Stop"—with Latigo Leather noseband only \$6.00

"Easy Stop"—with headstall and plaited noseband \$12.50

Plaited quirts \$4.95

Specify if Pony Size Desired

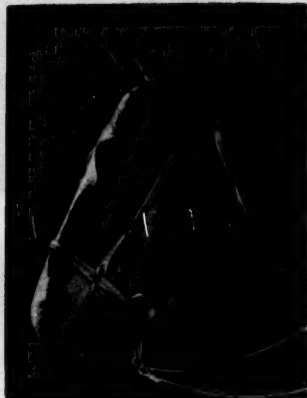
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SAN ANGELO, TEXAS





HERD BULL

MW LARRY
DOMINO
31st 3729288

★ Larry
Domino
50th
MW Miss
Blanchard

{ Larry
Domino
Miss
Sturgess
Dandy Dom
102d
Opal
Blanchard

{ P. Dom Mixer
Carolyn Dom
Superior 30th
Belle Treblec 56
Dandy Domino
Blue Bell 46th
Dandy Blanchd
Opal 2d

Pictured below are 9 typical sons of MW Larry Domino 31st.
They all sell March 10th.



Circle H Larry 66th sells
Dam by Jayhawker Domino



Circle H Larry 60th sells
Dam by CW Carlos Domino



Circle H Larry 50th sells
Dam: grd. dau. Larry Dom. 50th



Circle H Larry 52d sells
Dam by Larry Domino 106th



Circle H Larry 58th sells
Dam by Mixer Led 11th



Circle H Larry 63d sells
Dam by Plus Domino 106th



Circle H Larry 56th sells
Dam: grd. dau. Larry Dom.



Circle H Larry 59th sells
Dam by Larry Domino 69th



Circle H Larry 78th
Dam: grd. dau. Pr. Dom. Mix.

Only herd in the USA listed in the nation's top 25 Hereford sales for 3 consecutive years that has never sold an animal for as much as \$5,000.

WRITE FOR CATALOG

Circle H Ranch, Winona, Mississippi

OPPORTUNITY SALE

Selling
40 Bulls (30 by 31st)
7 Bred Heifers
8 Open Heifers

March 10

More top Larry bulls than ever sold in one sale.



Circle H Super Larry

Pictured below are 3 typical sons of
 Circle H Super Larry



Circle H Super Larry 4th sells
 Dam by WHR Princeps Domino 7th



Circle H Super Larry 2d sells
 Dam: grd. dau. Pr. Dom. Mix.



Circle H Super Larry 5th sells
 Dam: grd. dau. Pr. Dom. Mix.



These 3 granddaughters of MW Larry Domino 31st sell bred to Circle H Super Larry



More top herd bull prospects in this sale than in all of our previous sales combined. Circle H Larry
 bulls are serving in prominent herds in 15 states.

Pictured above is our carload of bulls shown at
 Fort Worth. They sell March 10th.

WRITE FOR CATALOG

Circle H Ranch, Winona, Mississippi

See our consignment to the

HOWARD-SOUTH PLAINS SALE

BIG SPRING, TEXAS

February 11

Five (5) sons of R. Proud Mixer, a grandson of WHR Proud Mixer 21st. One (1) son of Superior Anxiety 4th. These bulls are all from Anxiety Domino Dams. Some of these are herd bull prospects.



F. A. YOUNGBLOOD & SON

Registered Herefords

14 Miles East of Lamesa on U. S. 180
LAMESA, TEXAS

LEAGUE RANCH

FOR SALE: 12 Choice Yearling
Bulls—priced to move.

Thanks to the recent good customers:

Beavers Ranch, Benjamin	39 Heifers
Blackwell & Brantner, Girard	152 Yearlings
Oran Driver, Benjamin	4 Bulls
J. C. Moorhouse, Benjamin	5 Bulls
Rogers Ranch, Knox City	2 Bulls
Ernest Kinnebrugh, Vera	2 Bulls
J. C. Reeder, Knox City	1 Bull
W. S. Davis, Jr., Waco	2 Bulls
W. C. Taylor, Truscott	1 Bull

JACK IDOL, Mgr.

BENJAMIN, TEXAS

SELF-PIERCING
HUMANE
PERMANENT



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TAMP-R-PRUF EAR SEAL is the one, fool-proof method of positive identification. Used by over 25,000 breeders, vets and farmers all over the country. Light, humane, rust-proof, inexpensive. Each tag is stamped with number & name. Write today for FREE samples and prices.

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TC-2

Write for information about the Texas and Southwestern Cattle Raisers Association, Henry Bell, Sec'y, Fort Worth.

Feed Reserves Safeguard the Breeding Herd

By Bureau of Animal Industry, Agricultural Research Administration,
U. S. D. A.

THE livestock producer suffers or is blessed according to weather variations. Only a few of his losses are the direct result of bad weather. The greater damage is an indirect result through failure to set aside adequate feed reserves to meet the needs arising out of weather extremes. The successful stockman manages his feed supply with an eye to what may be the worst to happen weather wise.

Trouble may appear in many forms. It may be summer drouths with short pasture and hay crops; heavy fall rains that deplete grass minerals; long winters with deep snow; or late springs causing use of all available forage, some of which is likely to be of poor quality. Even normal winter range and low quality hay are usually poor in protein and phosphorus and need the supplement of a little oil seed cake.

Thus, losses are not limited by season or by locality. Trouble can come anytime, anywhere. But in most regions of the country, stockmen consider a certain year as being good or bad according to the amount of feed required for wintering. The good years bring optimism and possibly some expansion in cattle numbers, while the bad years may bring a serious depletion of breeding herds. Such forced reductions can seriously cripple an otherwise sound breeding program.

Balanced Year-Round Supplies

Maintaining a sound inventory of breeding stock requires the storage of adequate feed reserves for the lean years, and maximum use of pasture or range forage. The problem differs for each individual ranch or farm operation. Basically, however, it is important on all types of properties to insure a proper balance between summer and winter feed supply. Management practices should permit maximum use of range or pasture grasses and, at the same time, permit the storing of feed reserves. In this respect, reserve acreages of range forage are just as important as hay and silage reserves.

In some areas research and experience have shown that it is a sound management practice to winter cattle at, or slightly above, maintenance so that they are turned out on spring pasture in thrifty condition. Growing beef cattle have a tendency to produce about the same yearly gain regardless of how they are wintered. Cattle that make a high winter gain with the use of concentrates or other feeds make correspondingly lower summer gains. Whereas cattle roughed through the winter on a ration slightly above maintenance make high summer gains and about the same total gain for the year as the well-wintered cattle.

Use of Hay and Silage

Surplus grass stored either as hay or silage fits in well with pasture and range management programs. Grass silage is a "natural" in many localities where it is difficult to cure good hay on account of rain. Therefore, some stockmen have changed the old adage to read "Make hay while the sun shines . . . and make grass silage when it rains." In many areas mixed types of grasses can be ensiled with equally as good results as such crops as corn, alfalfa, Johnson grass, or sudan grass. Because silage keeps well

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11-oz. Lee Cowboy
Denim
Sanforized
Shrinkage
Not More
Than 1%
Guaranteed



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This
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OF UNION MADE WORK CLOTHES



POSITIVELY RIDES YOUR BUILDINGS OF
FLIES, MITES, LICE, ANTS, ROACHES,
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Kill-Kote is a proven insecticide paint. Comes in clear, white, and 6 pastel colors. All of the common insects that light or walk on its surface are killed — and Kill-Kote keeps killing for years. Harmless to fowl, animals, and human beings.

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Quality in your sale catalog reflects quality in your offering. A first-class catalog will make money for you sale day, and a JOHN WALLACE CATTLELOG IS a first-class catalog!

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HOWARD-SOUTH PLAINS HEREFORD ASS'N 8th ANNUAL SALE MON., FEB. 11th ★ BIG SPRING, TEXAS WEST TEXAS SALE BARN



LARRY DOMINO 30th (Ref.)

*Grandsons
and
Granddaughters
of these
Great Bulls are
in this Sale!*



WHR PROUD MIXER 21st (Ref.)

SELLING 62 HEAD 54 BULLS ★ 8 FEMALES

Cattle from our members' herds that were consigned to West Texas Sale, Sweetwater Sale and Brownwood Sale in December made an excellent average—Sale Champion at Sweetwater came from one of our member's herds.

Herd Sires
•
Herd Bull Prospects
•
Replacement
Females
•
Fitted for Your
Purpose



MAJOR MISCHIEF 112th

**THE INDIVIDUALS
OF THIS
OFFERING ARE
TOPS!**

**SEE THEM
BUY THEM**

Walter Britten, Auctioneer
George Kleier, The Cattleman

Write for Catalog

HOWARD-SOUTH PLAINS HEREFORD ASS'N BIG SPRING, TEXAS

LELAND WALLACE
President

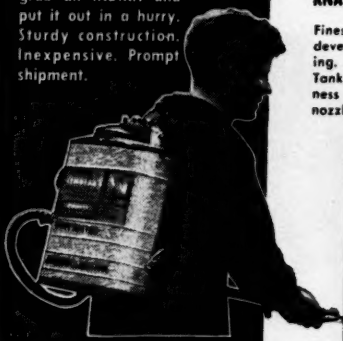
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Protect property, guard lives with these famous pack extinguishers. Use only clear water. 5 gal. rust proof tank. Pump throws powerful stream or nozzle adjusts to spray. Don't be helpless when fire strikes! Just grab an INDIAN and put it out in a hurry. Sturdy construction. Inexpensive. Prompt shipment.



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BANNER COMPRESSED AIR SPRAYER

The outstanding compressed air sprayer. Electric seam welded tank. Streamlined dome top. (Open or funnel type.) Galvanized or solid copper tank. Non-clog angle nozzle.



Send for Full Details on INDIAN FIRE PUMPS and our Complete Line of Sprayers



Selling Five Bulls in the

Hill Country Hereford Breeders Association Sale

Mason, Texas • Feb. 14

Our consignment features the sale of J. Publican Domino 6th (pictured), an outstanding herd bull prospect, grandson of Publican Domino 160th, Register of Merit sire. His sire, AEF Publican Domino 11th, was Reserve Champion Bull, West Texas Sale, Abilene, 1949, and is siring some wonderful calves for us. The "6th" is a February 8, 1951, junior bull.

• Selling one son of Major Mischief, Jr., whose get have topped several Hill Country Sales. Five of his sons averaged \$1,035 as calves. This is a December 23, 1950, senior bull.

• Selling two senior bull calves by J. Domino 28th. The "28th" is a half brother to Texo II, Grand Champion Steer at 1951 Texas State Fair.

• Selling Advance Domino, calved April 21, 1950. He is by M Prince 25th. He is a junior yearling bull.

• Be sure to give this consignment your very serious consideration as the bulls offered are worthy of your attention. Also, we can show you some top quality cattle at the ranch.

FRANK E. JORDAN & SONS MASON, TEXAS

**Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952**

for as long as five to six years it represents one of the best forms of feed insurance.

Where various hays are the chief source of stored forages it is important to cut hay early. The protein content of hay is affected quite materially by the time of cutting. Late-cut hay contains only 50 to 70 per cent as much total protein as early-cut hay. The poorer the quality of hay, the greater the need to add a supplement to the ration. Poor hay merely handicaps the animal to which it is fed and decreases the efficiency and economy of production.

Check List of Points to Remember

The following is a check list of points worth emphasizing so that beef production may be more efficient, stable, and profitable:

Insure an adequate pasture, range, and roughage program to supply necessary feed according to prevailing climatic conditions so that summer and winter feed supply will be balanced to maintain the base cow herd in all seasons.

Use home grown feeds and concentrates in preference to purchased feeds as far as possible.

Where home grown feeds are of such low quality that cattle cannot be maintained on them alone, purchase protein supplements for greater returns. In this same connection, insure adequate and correct mineral supplementation.

Maintain a reserve supply of both grass and roughage. Do not overstock range or pasture land. Reserve acreages of range or pasture are just as important as hay or silage reserves.

Consider the use of grass or legume silage as a source of winter feed supply where climate usually prevents the harvesting of high quality hay.

A. H. Karpe Hereford Sale

SUMMARY

3 bulls	\$ 13,300; avg.	\$4,433
52 heifers	150,150; avg.	2,888
55 head	163,450; avg.	2,972

A. H. KARPE'S fourth annual sale at Greenfield Hereford Ranch, Bakersfield, Calif., January 7 featured the get and service of Baca Duke 2nd, the \$65,000 bull purchased at the Noe Dispersion several years ago, and the service of Baca Prince Domino 20th, for which Karpe recently paid \$87,500 at the Baca Grant Dispersion.

Only three bulls were offered, the trio returning a total of \$13,300, with a top of \$6,000 paid by Bartholomae Corporation, Fullerton, Calif., for GHR Karpe's Baca, a senior calf by Baca Duke 2nd out of a daughter of OJR Royal Domino 10th.

The top price on females was \$12,000, scored on an added entry. She was RM Baca Duchess, a daughter of Baca Duke 2nd, top priced heifer at the 1950 International sale. She sold bred to Baca Prince Domino 20th. Soultz Farms, Tulsa, Calif., was the buyer.

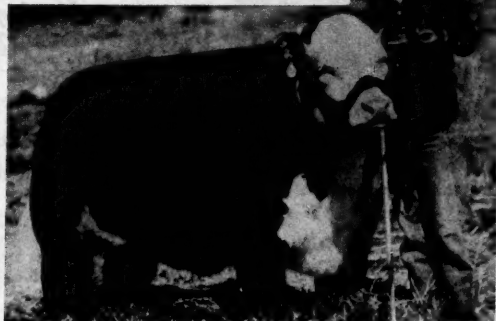
George Nance, Canyon, Texas, remained in the bidding to the finish to get GLT Baca Princess, a summer yearling daughter of Baca Duke 2nd, at \$10,000. She was bred to Baca Prince Domino 20th. Nance was also a contending bidder on the top heifer.

Twenty-three breeders from seven states were represented among the buyers.

Cols. Art Thompson, Freddie Chandler, Walter Palmer and Harry Hardy were the auctioneers.

LAND OF CHAMPIONS

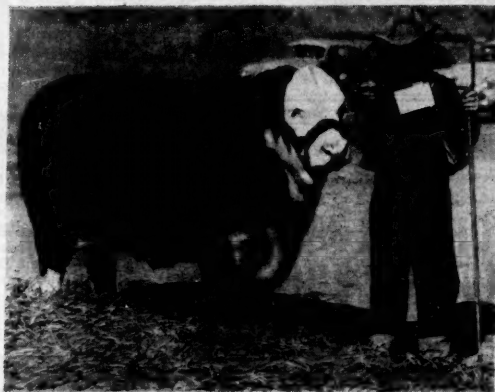
Hill Country Hereford Association SALE FEB. 14th Mason, Texas



**Offering
52 Bulls
9 Females**



San Angelo Champ

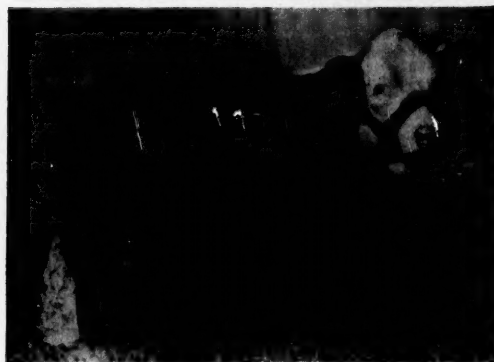


San Antonio Champ

**Three Grand Champion
Steers this year were bred
by members of this
Association**

R. S. Connor of Fredericksburg bred the champion steer at San Antonio, H. A. Fitzsimons bred the San Angelo champion and Frank E. Jordan, Mason, bred the Dallas champion.

A committee headed by A. L. Smith, Texas A. & M. College, sifted the cattle for this offering.



Dallas Champ

Consignors

Ernest Priess	Mason	Roy Priess	Mason
Robert Priess	Mason	A. L. Boettger	Fredericksburg
Perry Priess	Mason	Chas. Ernst	Fredericksburg
Grote Bros.	Katemcy	Allen Gibson	Harper
Kelly Schmidt	Mason	Kenneth Mamer	Harper
E. W. Kothmann & Son	Mason	M. R. Pluenneke	Mason
Irby McWilliams	Menard	Lon Pluenneke	Mason
August Willmann	Art	Edward Stein	Fredericksburg
L. E. Kothmann	Mason	W. C. Sawyer, Jr.	Cherokee
Frank E. Jordan & Sons	Art	Delman Sawyer	Cherokee
Silas Kothmann	Mason	Dr. H. A. Wimberly	San Angelo
A. D. Kothmann	Mason	Lazy E Ranch	Round Mountain
Hilma H. Henke	Morris Ranch	Herman Weinheimer	Stonewall
G. F. Henke	Morris Ranch	Clinton Hardin	Willow City
Chester Boon & Sons	Morris Ranch	R. S. Connor	Fredericksburg
Feller Brothers	Fredericksburg		

Hill Country Hereford Association

Breeders of Registered Hereford Cattle

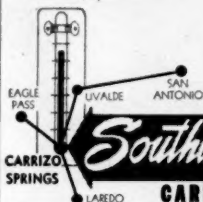
Llano, San Saba, McCulloch, Menard, Kimble, Gillespie and Mason Counties

E. S. HYMAN, Secretary

MASON, TEXAS



TT Royal Triumph



STRAUS ROYAL DOMINO 1st by the Register-of-Merit TT Royal Triumph pictured. We now have a number of his calves and we are more than pleased with them. We feel he is siring the kind that you, too, will like. He is a full brother to Medina Triumph 55th, Reserve Champion bull at the 1951 Pan-American Hereford Show at Dallas. We would be pleased to have you visit us and see his calves.

Southwest Texas Hereford Ranch

CARRIZO SPRINGS, TEXAS

EDWARD O. GARDNER, Owner

Selling these

**POLLED HEREFORDS at SAN ANTONIO
FEBRUARY 20th**

★ **FOUR BULLS**

... all by Domestic Woodrow 36th

Sires in service in our herd are:

Diamond Mischief	(H) 4031367 (P) 208837	HHR 20 Grand 116th	(H) 6240245 (P) 414507
JFG Domestic Domino	(H) 4948207 (P) 291020	HHR DW 23 74	(H) 6738387 (P) 466658
Victor Anxiety	(H) 5398547 (P) 325709	Domestic Woodrow 136th	(H) 5422171 (P) 329066

C. R. MARTIN

LLANO, TEXAS

Selling 5 Bulls in San Antonio

Polled Hereford Sale

Feb. 20th, 1952

Domestic Anxiety 210th 11-28-50
by Domestic Anxiety 42nd
Domestic Anxiety 223rd 5-2-51
by Domestic Anxiety 42nd
Woodrow Mischief 9th 1-20-51
by Woodrow Mischief 62nd
Woodrow Mischief 15th 3-2-51
by Woodrow Mischief 62nd
Woodrow Mischief 16th 4-5-51
by Woodrow Mischief 62nd

Winkel's Polled Hereford Ranch

LLANO, TEXAS

See Important

VIT-A-WAY

MESSAGE

On Page 45

Fall Seedings of Winter Wheat And Rye

ACREAGE seeded to winter wheat for all purposes in the United States in the fall of 1951 is estimated at 56,257,000 acres, nearly one per cent more than the 55,802,000 acres seeded a year earlier, the Bureau of Agricultural Economics reports. Winter wheat seedings in the fall of 1949 were 52,399,000 acres. Winter wheat production in 1952 is forecast at 918,000,000 bushels, based on current seeded acreage estimates and an appraisal of reported crop conditions on December 1, soil moisture supply, and other factors affecting yields. A crop of this size would exceed the 645,000,000 bushel crop produced in 1951 by 42 per cent and the 1950 crop of 741,000,000 bushels by 24 per cent.

The indicated yield of 16.3 bushels per seeded acre compares with 11.6 bushels last year, 14.1 bushels in 1950, and the 1940-49 average of 15.9 bushels. An estimated 9.7 per cent of the seeded acreage will not be harvested for grain, compared with 28.7 per cent not harvested in 1951, and 10.1 per cent, the 10-year average.

Seeding operations were started later than usual this fall. However, planting conditions and moisture supplies during late fall months permitted seedings virtually up to earlier intentions. Although top growth of plants is shorter and afforded less pasturage than usual in the Great Plains during the fall months, germination has been adequate for even stands and root systems are firmly established.

Acreage seeded to rye for all purposes in the fall of 1951 is estimated at 3,164,000 acres. This is a decrease of 12 per cent from seedings of this crop in the fall of 1950.

Smaller Acreage in Texas

Seedings of winter wheat in Texas for harvest in 1952 are estimated at 5,323,000 acres. This is 12 per cent less than the revised estimate of 6,049,000 acres seeded for harvest in 1951 and 5 per cent below the unrevised 1940-49 average of 5,628,000 acres. The acreage seeded for harvest in 1952 is the lowest since the 1944 crop, but exceeds any year prior to 1944 with the exception of 1938.

December 1 conditions indicate a production of 39,922,000 bushels, assuming that growing conditions after that date will be about average. A crop of this size would be more than double the small crops of the past two years—18,992,000 bushels in 1950 and 17,307,000 bushels in 1951—but 37 per cent below the 1940-49 average of 63,486,000 bushels. Yield per planted acre is forecast at 7.5 bushels compared with 2.9 bushels in 1951 and 3.4 bushels in 1950, when drought and greenbugs resulted in heavy losses of planted acreage, and with the 1940-49 average of 11.0 bushels.

Moisture conditions have been and continue to be critical. Small acreages were seeded in late August and early September, although many growers were waiting for moisture before drilling fields that were prepared for planting. Sufficient moisture was received for planting to become active about the middle of September, but by mid-October planting was again at a virtual standstill because of dry soil. Late October moisture was sufficient for germinating wheat that had been "dusted in" and for additional plantings to be made. December precipitation has followed the same pattern—

All Progressive Ranchmen Read The Cattleman.

hand to mouth supplies in amounts just sufficient to keep the crop alive and making slow growth. Reports indicate, however, that wheat generally is developing a better root system this year than last. Soaking rains are needed badly, especially in the northwestern Plains districts.

Acreage of winter rye seeded for all purposes in the fall of 1951 is estimated at 102,000 acres, compared with 93,000

acres seeded in the fall of 1950, and the 10-year average of 55,000 acres. Conditions of rye on December 1 is reported at 62 per cent of normal, compared with 47 per cent a year ago and the 10-year average of 72 per cent.

U. S. farmers now have nearly four million tractors. Almost nine out of ten

of our farms get electric power. And engineers of the U. S. Department of Agriculture estimate that a farmer today produces more in one hour than the farmer of 50 years ago did in two. That helps explain why the only 16 per cent of our people who live on farms can meet the food and clothing demands of the rest of us.

TEXAS POLLED HEREFORD ASSOCIATION SALE SAN ANTONIO ★ FEB. 20th

41 BULLS OFFERING 53 HEAD 12 FEMALES

Offering a group of top Polled Herefords from some of the outstanding Polled Hereford herds in Texas. Plan to attend this sale and select herd sire prospects and replacement females from the good cattle that sell.

Consignors

Hill Polled Hereford Ranch, Fairfield
N. M. Mitchell, Sanderson
N. M. Barnett, Melvin
Mans Hoggett, Mertzon
J. W. Winkel, Llano
J. W. Vance, Coleman
L. & W. Steubing, San Antonio
C. R. Martin, Llano
John P. Classen, San Antonio
Halbert & Fawcett, Sonora

Mary Ann Grosser, Boerne
Sam Swann, Merkel
Carl Sheffield, Brookesmith
Clem Saunders, Pearsall
C. S. Howard, Devine
Kallison's Ranch, San Antonio
Schuchart Brothers, San Antonio
J. A. & Butch Roberson, Devine
E. E. Voigt, San Antonio
Hartley E. Howard, Devine

NOTICE

**The Dates for the
Marshall Texas Polled Hereford Show and Sale
are MARCH 28 and 29**

For catalogs write Henry Fussell, Sec., 3337 Hanover, Dallas 5, Texas

TEXAS POLLED HEREFORD ASSOCIATION

Livestock Judging Program
SAN ANTONIO LIVESTOCK EXPOSITION
February 15-24, 1952

FRIDAY, FEBRUARY 15

8:30 a. m.—Sifting all Fat Steers, Coliseum Arena.
 10:00 a. m.—Downtown Parade.

SATURDAY, FEBRUARY 16

7:30 a. m.—Judging Boys' Steers, Coliseum Arena.
 8:00 a. m.—Judging Boys' Swine, Swine Arena.
 8:30 a. m.—Judging Boys' Fat Lambs, Sheep Judging Arena.
 8:30 a. m.—4-H and FFA Grass Judging Contest, Coliseum Arena.
 1:50 p. m.—Announce Awards for Grass Judging Contest, Coliseum Arena.
 2:00 p. m.—Judging Fat Lambs, Open Classes, Sheep Judging Arena.

SUNDAY, FEBRUARY 17

9:00 a. m.—Judging all Breeding Sale Cattle, Coliseum Arena.
 2:00 p. m.—Judging Negro Boys' Pig Show, Swine Judging Arena.

MONDAY, FEBRUARY 18

8:00 a. m.—Judging Fat Steers, Open Classes, Coliseum Arena.
 8:00 a. m.—Judging Herefords, Coliseum Arena.
 8:00 a. m.—Judging Aberdeen-Angus, Coliseum Arena.
 8:00 a. m.—Judging Brahms (ABBA), Coliseum Arena.
 8:00 a. m.—Judging Fat Swine, Open Classes, Swine Judging Arena.
 2:30 p. m.—Aberdeen-Angus Breeding Cattle Sale, Cattle Sales Arena.
 9:00 p. m.—Selecting Grand Champion Steer, Coliseum Arena.

TUESDAY, FEBRUARY 19

8:00 a. m.—Judging Brahms (PAZA), Coliseum Arena.
 8:00 a. m.—Judging Polled Herefords, Coliseum Arena.
 8:00 a. m.—Judging Aberdeen-Angus, Coliseum Arena.
 8:00 a. m.—Judging Shorthorns, Coliseum Arena.
 8:00 a. m.—Judging Fine Wool Sheep, Sheep Judging Arena.

1:30 p. m.—Hereford Breeding Cattle Sale, Cattle Sales Arena.
 7:50 p. m.—Parade of Champions, Coliseum Arena.

WEDNESDAY, FEBRUARY 20

8:00 a. m.—Judging Brangus, Coliseum Arena.
 8:00 a. m.—Judging Milking Shorthorns, Coliseum Arena.
 8:00 a. m.—Judging Corriedale, Hampshire, and Columbia Sheep, Sheep Judging Arena.
 1:30 p. m.—Judging Angora Goats, Sheep Judging Arena.
 2:00 p. m.—Polled Hereford Breeding Cattle Sale, Cattle Sales Arena.

THURSDAY, FEBRUARY 21

8:00 a. m.—Judging Jerseys, Coliseum Arena.
 8:00 a. m.—Judging Boys' Dairy Show, Coliseum Arena.
 8:00 a. m.—Judging Holsteins, Coliseum Arena.
 8:00 a. m.—Judging Shropshire, Southdown, and Suffolk Sheep, Sheep Judging Arena.
 2:00 p. m.—Brangus Breeding Cattle Sale, Cattle Sales Arena.
 7:50 p. m.—Parade of Champions, Coliseum Arena.

FRIDAY, FEBRUARY 22

9:00 a. m.—Auction Sale of Fat Steers, Coliseum Arena.
 1:30 p. m.—Auction Sale of Fat Lambs, Lamb Sales Arena.
 3:00 p. m.—Auction Sale of Fat Swine, Swine Sales Arena.
 4:30 p. m.—Auction Sale, Negro Boys' Pigs, Swine Sales Arena.

SATURDAY, FEBRUARY 23

8:00 a. m.—Judging Quarter Horses, Halter Classes, Coliseum Arena.

SUNDAY, FEBRUARY 24

9:00 a. m.—Judging Quarter Horses, Halter Classes, Coliseum Arena.
 1:50 p. m.—Parade of Horse Show Champions, Coliseum Arena.

M. P. Moore Named
"Man of the Year"

M. P. MOORE, owner of Circle M Ranch, Senatobia, Miss., has been named "Man of the Year" in service to Mississippi agriculture by the Progressive Farmer magazine. Moore is one of the nation's leading Polled Hereford breeders, having twice served as president of the American Polled Hereford Association, and for years has served on its board of directors. Circle M Polled Herefords, through careful breeding have achieved nationwide acclaim in the show ring and breeding stock has gone to Uruguay, Argentine, Jamaica, Australia, South Africa, New Zealand and Canada.

In its breeding program Circle M Ranch adheres to a policy of first retaining the Polled Hereford characteristics; second, to improve CMR Polled Herefords as fast as possible by breeding the best in Circle M females to the best in Circle M bulls; and third, to remove the guesswork and uncertainties so the carrying-on capacity can be made as strong as possible.

At its ninth annual sale in 1950 Circle M Ranch broke four of its own world records: highest average for any Polled Hereford sale in the nation; highest bull average for any Polled Hereford sale in the nation; highest female average for any Polled Hereford sale in the nation; and highest gross receipts for any Polled Hereford sale in the nation.

On the basis of five readers per issue The Cattleman is read by more than 150,000 ranch folk. Reach this market by advertising in The Cattleman.



Above F BACA ELATION 28th

Right PRINCE PUBLICAN 28th

While going to or from the San Antonio Show, we would be happy to have you drop by and visit us—located on U. S. 281 just 60 miles north of San Antonio.

RETURN for RETURNS at
STANTON'S
HEREFORD RANCH

SELLING FEBRUARY 20



the get of these two top sires



Texas Futurity Nominations Close February 15

INAUGURAL running of the Texas Futurity, sponsored by the Texas Horse Breeders Association, will be at the Fair Grounds track in San Angelo May 10-17, President J. R. Dillard, Big Spring, announced recently.

The Futurity will be run in three divisions of 300 yards, one-quarter mile and one half mile, with each division carrying a \$1,000 added purse. Elimination trials in all three divisions will be held the opening day, with the final stakes the following Saturday. A full program of purse races is also planned for Friday, May 16.

The futurity, a breeders event, is for two-year-olds with nominations to close February 15. Nominating fee is \$100. Because of the early nominating date, greatest reliance will be based on actual bloodlines.

Date for the futurity was set following a state-wide meeting of the Texas Horse Breeders Association members and representatives of the San Angelo Board of City Development. E. H. Lane, Odem, is vice-president of the Association, while Dr. T. M. Johnson, Del Rio, presided at the meeting. M. D. Fannin is manager of the San Angelo Board.

Inauguration of the Texas Futurity followed cancellation of the Big Spring Futurity because its grounds were absorbed by expansion of the Big Spring Air Force Base. For three years the Big Spring event was the biggest stake in Texas with purses exceeding \$10,000 and nominations coming from seven states. Entries for the Texas Futurity should be mailed to Association headquarters, Settles Hotel, Big Spring, Texas.

Palatable Grass Result of Better Fertility

ANIMALS graze some grasses more readily than others. It is also recognized, says Charles L. Terrell, conservationist for the Colorado A. & M. Extension Service, that animals graze fertilized pastures more readily than those unfertilized.

Quite often we give the old cow credit for selecting and eating those plants that are good for her. However, reports from the Oklahoma agricultural experiment station tell why cows eat certain grasses and refuse others.

Studies of fertilized grasses and unfertilized grasses indicated two important substances which affect palatability—phosphorus and sugar. Available phosphorus is known to be necessary for proper sugar metabolism in the plant. Both the soil and manure in these studies were low in phosphorus.

Improper balance of nitrogen and phosphorus prevented normal sugar formation in the plants and evidently decreased palatability.

The Oklahoma station reported that dark green grass growing around animal droppings was analyzed and found to be higher in protein, calcium, potassium, fat and vitamins than grass grown under normal conditions in the same pasture. The normal or unaffected plants were always higher in elements such as silica and alumina which reduces palatability of the forage.

Write for information about the Texas and Southwestern Cattle Raisers Association, Henry Bell, Sec'y, Fort Worth.

SECOND ANNUAL San Antonio Hereford Sale

FEBRUARY 19th

Sales Arena - Exposition Grounds
Sale Starts Promptly at 1:00 P. M.

SELLING 70 HEAD

★ HERD BULL PROSPECTS

★ RANGE BULLS

★ FOUNDATION FEMALES



55 BULLS - 15 FEMALES

FROM MANY OF THE TOP HERDS
IN THE SOUTHWEST

CONSIGNORS

Arlidge Ranch	Seymour, Texas	Largent, W. J. & Son	Merkel, Texas
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Boothe, Ross	Gonzales, Texas	Lucas & Webb	Berclair, Texas
Buchanan, Al	San Antonio, Texas	McAllister, O. H.	Box 1149, Big Spring, Texas
Callaway, E. J. & Son	Lometa, Texas	Mann, Judy	Rt. 1, Box 122, Cedar Valley, Texas
Circle J Ranch	Johnson City, Texas	Mann, Lois	Rt. 1, Box 122, Cedar Valley, Texas
Clark, L. J., Dr.	Belville, Texas	Rialinger, H. J.	Bandera, Texas
Dubose, B. I. & Son	Devine, Texas	Schirmer, F. J.	Atascosa, Texas
Dudley Bros.	Comanche, Texas	Smallwood, J. M.	Lawn, Texas
Floyd, Earl D.	Blanket, Texas	Stanton's Hereford Ranch	Johnson City, Texas
Fowler, W. J.	Abilene, Texas	Strass Medina Hereford Ranch	Box 224, San Antonio, Texas
Griffin, Doretha C.	Lawn, Texas	Tschirhart, Ralph L.	Castroville, Texas
Hennig, Eugene	Rt. 2, Box 8A, Goliad, Texas	Turner Ranch	Sulphur, Okla.
Hood, J. O.	Lometa, Texas	Wubb, Robert	Berclair, Texas
Horton, J. R.	Caradan, Texas	Willingham, Ed	Austin, Texas
Horton, W. V.	Goldthwaite, Texas		
Howard, C. S.	Devine, Texas		
Howard, Ryan M.	Lampasas, Texas		
Johnston's Squarebuilt Herefords	Box 28, Folsom, N. M.		

Walter S. Britten, Auctioneer

Write for
Your Catalog:

Texas Hereford Assn.

1103 Burk Burnett Bldg.

Fort Worth, Texas

Attend San Antonio Polled Hereford Sale - Feb. 20

Third Annual San Antonio Livestock Exposition February 15-24



Bexar County Coliseum, home of the San Antonio Livestock Exposition.

SAN ANTONIO'S third annual Livestock Exposition opening February 15 will mark for the comparative newcomer among the nation's major stock shows a new high in premiums and departments.

Some \$49,477 is being offered in premiums this year, as compared to the \$48,000 for last year's show. Several new departments and auction sales have been inaugurated and additional facilities provided for the show which will continue through February 24, at the Bexar County Coliseum.

Already the Exposition has shattered all records previously set with entries alone topping by 20 and 50 per cent marks set by the 1951 and 1950 shows respectively. These entries represent most every Texas community, a greater part of the states and several foreign

countries. An estimated 43,000 head of livestock are entered.

Much credit for the expert planning and hard work necessary in furthering the continued growth of San Antonio's newest undertaking goes to officials and members of the Livestock Exposition, Inc., under the guidance of Joe Freeman, chairman of the board; E. W. Bickett, president; Mark L. Browne and W. M. Thornton, vice presidents; Lucian T. Jones, treasurer, and W. L. Jones, secretary-manager.

Still in the process of growing, the three-year-old exposition now boasts a new type all-metal steel-constructed cattle barn, the most modern in Texas. Composed of two units, the barn provides 50,000 square feet of floor space and will house 600 head of cattle. Total aisle space averages one mile in length.

Built especially for 4-H and FFA use, it adjoins the original breeding cattle barn and together the two units cover an area of more than three acres and will hold more than 1200 animals.

More than 100,000 square feet of fire-proof tent space has been provided for special exhibits and cattle sales.

Top premiums of \$8,000 are offered in the Hereford breeding classes. Of this amount half is offered by the American Hereford Association and half by the exposition.

H. A. Fitzhugh, manager of the Straus Medina Hereford Ranch of San Antonio, is department superintendent of the Hereford class, assisted by Dick Hartman, agricultural director, Central Power and Light Company, Corpus Christi.

Superintendents named for the San Antonio show include Robert B. Tate,



DG SILVA SPARTAN 23rd

BOTH WILL SELL

DG SILVA SPARTAN 24th



SELLING AT SAN ANTONIO

**ONE
BULL**



**TWO
HEIFERS**

FEBRUARY 19th

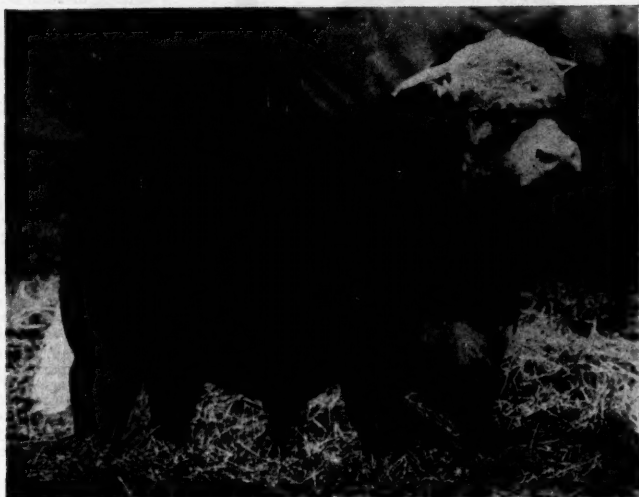
- The heifers, DG Silva Spartan 23rd and DG Silva Spartan 24th, junior heifer calves, are by Real Silva Publican, sire of Reserve Champion steer at the 1950 Houston Show. The "23rd" is out of Battle Spartan 16th cow and the "24th" is out of an Ellison Domino 36th cow.
- The bull, DG Proud Mixer 712th, by HG Proud Mixer 1065th, he by the great WHR Proud Mixer 21st. This bull's dam is a Battle Spartan 68th bred cow. He is a truly top prospect.

GRIFFIN RANCH

**LAWN,
TEXAS**

Dorothea C. Griffin, Owner

He Sells at San Antonio



TR Zato Heir 76th, a half brother to TR Zato Heir 40th, the bull which we sold at Denver for \$35,000. This top prospect will sell in the San Antonio Hereford Sale, February 19.

San Antonio
HEREFORD SALE

FEBRUARY 19

OUR WINNINGS AT PHOENIX January 2-5, 1952

Reserve Champion bull
First senior yearling bull
Second junior yearling bull
Second 2 bulls

Second 3 bulls
First senior yearling heifer
First summer heifer calf
Third get of sire, and

Second sale of calves.

NATURAL
Fleshing Quality
HEREFORDS

TURN TO
"TURNERS"



ENTRANCE TO RANCH - 7 MILES EAST AND 1 MILE NORTH OF SULPHUR - STATE HWYS 7 & 12

TURNER RANCH - SULPHUR, OKLAHOMA

Roy J. Turner • Jim McClelland • Roland Jack • John Blenkin • Tom Harris, Show Cattle

SELLING AT SAN ANTONIO



HG PROUD MIXER 673rd

● Two sons of HG Proud Mixer 673rd. Both are junior bull calves and really top herd bull prospects.

● One outstanding daughter of the "673rd". She is a senior heifer calf.

★ Our sincere thanks to R. L. Henderson, San Angelo, Texas, for his purchase of the all-time high selling bull at the Concho Hereford Association Sale, January 5. He purchased a son of the "673rd" for \$5,000.

★ Our thanks to Ed Spiller, Voca, Texas, for his purchase of a top range bull in the same sale.

★ We also extend our thanks to these buyers of our cattle in the Mid-Texas Sale at Stephenville, January 7:

- E. E. Gayler, Des Moines, N. M., who purchased a son of the "673rd" at \$1,875.00, the top selling bull.
- J. W. Wade, Bartlett, who purchased a top range bull.

At Odessa, March 8

We will sell four good serviceable age bulls. These bulls are not highly conditioned, but are ready to go to work in your herd. We invite your careful inspection of these bulls.



DARRET

Hereford Ranch

COMANCHE, TEXAS

100 Miles SW of Fort Worth on Highway U. S. 67

W. B.
W. J.
D. K.

RANCH HOUSE STOCK SALT



•With Minerals Added•

- | | |
|--------------|-------------|
| ● Calcium | ● Manganese |
| ● Phosphorus | ● Copper |
| ● Iodine | ● Iron |
| ● Cobalt | ● Sulphur |

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Bexar County Agricultural Agent, general livestock; V. G. Young, district agent, Extension Service, Gonzales, records; U. D. Thompson, Extension Service, College Station, assistant superintendent of records; Steve W. Blount, Jr., assistant manager of the Bexar County Coliseum, buildings and grounds; Sherman W. Clark, agricultural director, Texas Gulf Sulphur Company, arena director.

One of the largest breeding sheep and goat shows among major Southwest expositions, the breeding sheep and goat department will include eight sheep breeds—Rambouillet, Delaine, Corriedale, Shropshire, Southdown, Suffolk, Hampshire and Columbia. Premiums of \$5,306 are being offered and are comprised of \$5,144 contributed by the exposition, \$112 by the American Angora Goat Breeders' Association and \$50 by the American Suffolk Sheep Society. In addition, the American Corriedale Association offers a silver trophy to premier exhibitor of Corriedale sheep, selection to be on the basis of awards received in the regular classes for Corriedales at the show.

J. A. Gray, Extension Service, San Angelo, is superintendent of this class, assisted by Jack B. Taylor, secretary-treasurer, The American Rambouillet Sheep Breeders' Association, San Angelo.

Premiums of \$3,710 are offered for open class fat steers—Hereford, Short-horn, Angus and Brahman—by the exposition, American Hereford Association, American Aberdeen-Angus Breeders' Association, American Shorthorn Breeders' Association, American Brahman Breeders' Association, Pan American Zebu Association.

Brahman classes are open only to steers with one or more registered parents.

Last year the San Antonio exposition set Texas agog when 13-year-old, 4-H clubber Andrew Tatsch of the Crabapple Church Community in Gillespie County, Texas, received \$21,000 for "Shorty," his 1,000-pound Hereford steer.

The Grand Champion of the show was bought by B. B. McGimsey, executive vice-president and general manager of the Pearl Brewery, at \$21 per pound. "Shorty" was bred on the Connor ranch in Gillespie County and was sired by a grandson of CW Prince Domino 21st.

The open class is supervised by Frank N. Newsom, county agricultural agent, Alpine, aided by J. A. Marshall, area supervisor, vocational agriculture, Georgetown.

The PAZA Brahman class, with \$3,000 premiums, will be the nation's only PAZA show. The premiums are contributed equally by the Pan American Zebu Association and the exposition. The Brahmans ABBA class will also receive \$3,000 in premiums with the American Brahman Breeders' Association and the exposition each posting half.

Milburn Kothmann, J. W. Kothmann & Sons—Central Livestock Commission Company, San Antonio, will be superintendent of both departments.

In the Aberdeen-Angus breeding stock division, premiums of \$5,440 are offered by the American Aberdeen-Angus Breeders' Association and the exposition.

Superintendent is Rufus Peebles, rancher, Tehuacana, Texas.

Greatly increased participation is expected this year in the Brangus department where premiums totaling \$1,800 are offered by the American Brangus Breeders' Association and the exposition.

The Brangus and exhibit cattle are supervised by W. S. (Bill) Edwards, secre-

HIS GET SELLS at SAN ANTONIO



TT ROYAL TRIUMPH

Our Register-of-Merit herd sire.



SELLING AT SAN ANTONIO, FEBRUARY 19th

- Straus Royal Lady 35th, a junior yearling show heifer bred August 3, 1951 to Medina Triumph 21st, our outstanding two-year-old show bull.
- Medina Triumph 52nd, a senior bull calf, full brother to our senior yearling heifer we are showing this year and the senior yearling heifer we showed last year.
- Straus Domino 303rd, senior bull calf sired by OJR Royal Domino 41st.

Also



SELLING AT ODESSA, MARCH 8th

We are selling two head—SLB Regality 1st and Royal Heiress B 7th. SLB Regality 1st, calved February 7, 1950, is out of WHR Regality 52nd, a top sire now at Suncrest Hereford Ranches.

"As good as they come"



STRAUS

Medina
HEREFORD RANCH

San Antonio, Tex.



J. R. STRAUS • DAVID J. STRAUS • JOE STRAUS, JR. • H. A. FITZHUGH, MGR.

IN OUR CONSIGNMENT TO THE



FEBRUARY 19th, You will find

- ★ 2 good sons of BR Proud Mixer—The Arledge sire.
- ★ A grandson of Real Silver Domino 44th.
- ★ A son of El Royal Essar 7th.

Look them over—they are good!

Visit the ranch at Twin Sisters and see the good calves now on the ground sired by
MW Larry Domino 76th and JJ Prince Publican

Both are by Register-of-Merit Sires.

AL BUCHANAN

Alamo National Building

San Antonio, Texas

Consigned to the SAN ANTONIO SALE, FEB. 19th

She sells bred to OJR Royal Domino Prince 4th

ADA DOMINO 26th (6141993)

Calved 4-11-50

OJR Seth Domino 2nd	OJR Seth Domino Jr.	OJR Royal Domino 43rd	OJR Seth Domino	WHR Royal Duchess 55th
OJR Zita Domino 2nd	OJR Vega Domino	WHR Royal Domino 51st	WHR Vega Domino 49th	Prince Domino C
OJR Royal Domino 19th	WHR Royal Domino 51st	Zita Domino	WHR Belle Domino 49th	H Prince Domino 5th
Miss Royal 18th	Randolph Lady 7th	OJR Royal Domino 46th	Lady Stanway Domino	Prince Domino C
		Lady Domino 16th	WHR Belle Domino 49th	Martha Diamond 4th

HOWARD RANCH LAMPASAS, TEXAS

Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952

tary, American Brangus Breeders' Association, Vinita, Oklahoma.

The polled Hereford division, supervised by Hartley Howard, rancher, Devine, is offering \$1,000 in premiums for the open show.

Premiums of \$3,000 are being offered by the American Shorthorn Breeders' Association and the exposition who posts an equal share. Craig M. Logan, rancher, Devine, is superintendent of this division.

Bill Oliver, teacher of Vocational Agriculture, Kerrville, is superintendent, and Bill Rector, County Agricultural Agent, Seguin, assistant, in the Fat Wether Lamb division posting \$318 in premiums.

In the Dairy Cattle class, premiums of \$4,000 are divided, \$2,000 for Jerseys, \$1,000 for Holsteins and \$1,000 for milking shorthorns. Charles E. Sewell, manager, Sunshine Ranch, San Antonio, is superintendent, assisted by A. B. Childers, Area Supervisor, vocational agriculture, Mart, Texas.

Fat Swine classes are open to five breeds—Durocs, Poland China, Hampshires, Berkshires and one class for all other pure breeds, and premiums total \$3,600, being posted by the United Duroc Record Association, \$125, The Hampshire Swine Registry, \$45, Poland China Record Association, \$35, Chester White Swine Record Association, \$15, and the exposition, \$3,380.

Superintendent of this class is E. M. Regenbrecht, Extension Service, College Station, and L. M. Hargrave, associate professor, agricultural education, Texas Technological College, Lubbock, assistant.

In the boys' livestock show 15 places have been added in three weight classes for Hereford steers, making 15 additional steers eligible for auction. Premiums total \$7,910 and of this amount the American Hereford Breeders' Association posted \$825, American Aberdeen-Angus Breeders' Association, \$250, American Shorthorn Breeders' Association, \$125, American Brahman Breeders' Association and the Pan American Zebu Association, \$75 each, Poland China Record Association Special and United Duroc Record Association Special, \$15 each, and the remainder by the exposition.

A grass judging contest for FFA and 4-H Club teams over Texas is headed by a committee composed of H. O. Schulze, Soil Conservation District Supervisor, Mason, chairman; A. H. Walker, Extension Service, College Station, co-chairman; Simon Wolff, Soil Conservation Service, San Antonio, and Charles D. Parker, Vocational Agriculture Department, Kingsville.

Quarter Horse show premiums total \$2,050 in 17 halter classes and \$900, plus entry fee of \$10, for each horse in the five performance classes. A purse of \$2,000 plus \$75 entry fee for each horse, has been posted in the cutting horse contest.

Horseshow chairmen are Fred Shield and Gay Copeland and superintendent is Afton B. Johnson.

This year two new auction sales have been added to the exposition. The Texas Aberdeen-Angus Association will hold a sale at 2:30 p. m., Feb. 18, and the Texas Polled Hereford Association will conduct an auction at 2 p. m., Feb. 20. The Texas Hereford Association will conduct sales again at the 1952 show at 1:30 p. m., Feb. 19, and the American Brangus Breeders' Association at 2 p. m., Feb. 21.

Fat steers, lambs and swine, and Negro boys' pigs will be auctioned Feb. 22. The auction sale of fat stock will be limited to animals winning premium

money at the show. Entries in these sales are optional with the owner.

A new event is the Negro boys' pig show for a premium total of \$673 and the posting of \$240 award for herdsmen in the open show and a \$100 award for neatness in the boys' show.

A rabbit show, sponsored by the San Antonio Rabbit Breeders' Association, has been added to the exposition. The show will be under canvas and will cover a 4,000 square-foot area. Approximately 500 entries are anticipated.

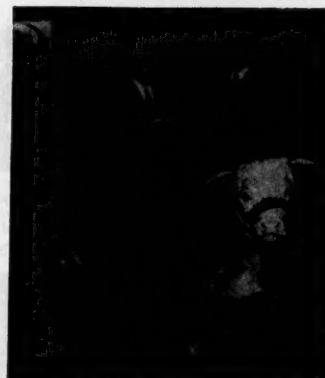
Wild and rugged western competition highlight the show as the nation's top ropers, daredevil stunt riders and cowboys set the tempo in the Everett Colborn World's Championship Rodeo for the third consecutive year.

Professional top hands will try their skills at roping, riding, and bull-dogging between a number of sparkling specialty presentations on tap for each of the 14 performances which begin at 8 p. m., Feb. 15.

At each performance the spotlight will center on the international star of television, stage, screen and radio, Tito Guizar, singing idol of all the Americas. Currently one of the nation's favorite performers, he adds a delightful and popular note to the rodeo performances.

Better than 9,600 square feet of inside space has been devoted to commercial exhibits with some 140,000 square feet of outside space allotted to farm and ranch exhibits. Visitors Friday and Saturday, opening days, as well as those who come during the remainder of the show will be kept busy visiting the many and varied points of interest that are a feature of the fabulous exposition.

Youngsters of all ages can always find



Milky Way Ranch's MW Zatos Larryana 1 walked off with the Hereford breed's top honors for females at the Arizona National Livestock Show, Phoenix. Shown above is Ben Projan of Phoenix, on the left, presenting the championship trophy to Alan Feeney, owner of Milky Way Hereford Ranch at Phoenix and Springerville, Arizona.

a special attraction in the colorful Don Franklin Carnival and midway which will be located on the east side of the coliseum. Here will be found new and thrilling rides as well as flashy shows never before presented in Texas.

On the west side, adjoining the coliseum, will be a million-dollar display fea-

turing tons of farm machinery varying in size from hand plows to huge combines and planters. These modern devices are the newest developments of science and industry and will attract scores of city folks as well as ranchers and farmers.

In line with the expositions many other "firsts" this exhibit will constitute the only heavy and light farm machinery show at any major livestock exposition in Texas.

Another crowd attracter will be the long line of commercial exhibits that line the inside ramp of the coliseum. Here again will be found additional scientific, industrial and agricultural products that affect not only farmers and ranchmen but the public in general.

A huge western parade will turn the city into a duded up version of the cowboy capital on Friday, Feb. 15, and Governor Allan Shivers will be on hand to offer his bit to the lure of the old West.

Eight Texas areas will be honored on special days designated for them during the San Antonio exposition. J. L. Tiner, chairman of the exposition's special events committee, has appointed chairmen in charge of each of the days and they will be assisted by local committees.

Beginning Saturday will be Rural Youth Day and Press and Radio Day.

The other area days will be Armed Forces, Feb. 17; Colorado and Guadalupe Valley, Feb. 18; Gulf Coast Bend, Feb. 19; Brush Country and Winter Garden, Feb. 20; Hill Country and Farm and Ranch Machinery, Feb. 21; Metropolitan School and West Texas, Feb. 22; Rio Grande Valley, Feb. 23, and Mexico and Rodeo Champions' Day, Feb. 24.

GULF COAST HEREFORD BREEDERS ASSOCIATION SALE



59 BULLS

SHOW 1:00 p.m.

4 FEMALES

FEB. 15, 1952

SALE

COLUMBUS, TEXAS

American Legion Park

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Featuring Popular Bloodlines

Auctioneer: WALTER BRITTEN

For Catalogue Write

DOUGLAS THOMPSON, Secy.

BELLVILLE, TEXAS

BOX 457

Arizona National Livestock Show

TWO well-fitted Hereford steers captured both grand and reserve championships in the steer show at the fourth annual Arizona National Livestock Show held at Phoenix January 3-5. The top honor went to a 14-year-old boy, Fred E. Nussbaumer, of Casa Grande, Ariz., whose steer was bought by the Central Arizona Power and Light Company of Phoenix at 75 cents a pound. The reserve champion steer, shown by Jupe Bounds, Santa Rita, N. M., also sold for 75 cents a pound to the Adams Hotel, Phoenix.

While Herefords dominated the beef breed show, the other three major beef breeds—Aberdeen-Angus, Shorthorn and Brahman—were well represented, and judging was watched with interest by large crowds. The show recently changed its name from the Phoenix Livestock Show to the American National and judging from widespread entries it is living up to its new name.

The Hereford show was the strongest ever held at Phoenix, more than 150 head from seven states being entered. Milky Way Hereford Ranch, Phoenix, one of the nation's outstanding herds, won the lion's share of blue ribbons, placing first in 15 classes, which included both championships. The champion bull was MW Prince Larry 62nd by MW Larry Domino 37th, and the champion female was MW Zato's Larryana 1st, by Zato's Aristocrat. Turner Ranch, Sulphur, Okla., showed the reserve champion bull, TR Zato Heir 40th by TR Zato Heir, and

Wyoming Hereford Ranch, Cheyenne, Wyo., showed the reserve champion female, WHR Madeline 4th, by Zato Heir M 51, who stood second in class to the champion.

Two Texas breeders were among the first prize winners. Dudley Bros., Comanche, won the blue in the summer yearling bull class on DB Larry Domino 34th, a son of JJ Larry Domino 7th, and

Two well-fitted Hereford steers walked away with both grand and reserve championship honors at the fourth annual Arizona National Livestock Show at Phoenix. Top animal of the steer show was shown by Fred E. Nussbaumer of Casa Grande, Ariz. (left), and the reserve crown went to Jupe Bounds of Santa Rita, N. M. (right). The grand champion steer was auctioned off by Arizona's Governor J. Howard Pyle. — Photo by American Hereford Association.



Straus Medina Hereford Ranch, San Antonio, topped the senior bull calves with Medina Triumph 55th, by TT Royal Triumph.

Long Meadow Ranch, Prescott, Ariz., showed the champion pen of three Hereford bulls. They were junior calves sired by MW Prince Domino A 13th. Suncrest Hereford Ranch, Phoenix, showed the reserve champions which were yearlings sired by Super Flash 30th, Proud Possessor and JEO Royal Prince 5th.

Suncrest also had the champion pen of heifers which were daughters of WHR

Selling Seven Head at These Texas and Oklahoma Sales

PAMPA—FEBRUARY 5

1 SUMMER YEARLING HEIFER by Texas Tone 45th. This heifer was Reserve Champion at the recent Western Oklahoma Hereford Show. She sells bred to Ranzah Tone 73d.

1 SENIOR BULL CALF by Texas Tone 45th. A good headed, typey bull, ready for service in the spring.

OUR RECORD AT PAMPA LAST YEAR—Champion and Top Selling Female.

PERRYTON—FEBRUARY 12

1 SUMMER YEARLING HEIFER by Royal Essar 4th. This heifer is mellow, thick, and a good feeder, typical of our cattle and Hazlett breeding. She sells bred to Zato Heir L 500, our good Patterson bred herd bull.

1 JUNIOR YEARLING HEIFER by Texas Tone 45th. This good type heifer sells bred to Zato Heir L 500.

OUR RECORD AT PERRYTON—Champion and Top Selling Female the last two years.



SAYRE—FEBRUARY 15

1 JUNIOR YEARLING HEIFER by Texas Tone 45th. This heifer was Grand Champion at the recent Western Oklahoma Show, Clinton. She sells bred to Zato Heir L 500.

1 JUNIOR YEARLING BULL by Texas Tone 45th. A $\frac{3}{4}$ brother to the winning show heifer above, a show bull and herd bull prospect in his own right.

OUR RECORD AT SAYRE LAST YEAR—Champion and Top Selling Female.

AMARILLO—MARCH 5

1 JUNIOR YEARLING BULL by Washita Zento 55th. This bull is a half brother to the two heifers that topped the Perryton and Sayre Sales last year. He is big, yellow, rugged, right for commercial or registered herds.

For Sale at the Ranch—50 Creep Fed Bull Calves

R. T. ALEXANDER & SON, CANADIAN, TEXAS

Registered Herefords Since 1909

R. T. ALEXANDER

CECIL REEDY

TED ALEXANDER

TWO BIG GUNS

IN OUR TOP
HERD BULL
BATTERY




WHH ROYAL DUKE 2nd
A grandson of Baca R Domino 33rd



MW LARRY DOMINO 111th
A Son of Larry Domino 50th

Other members of our great bull battery

Larry Domino Again 6th
A Grandson of Larry Domino 50th

PCR Baca Patron
A Grandson of Baca R Domino 33rd

Larry Domino Mixer
A Son of Larry Domino 50th

MW Prince Larry 50th
A Grandson of Larry Domino 50th

Dandy Domino 84th
A Son of Double Dandy Domino

SELLING

At AMARILLO, Mar. 3-7

Larry Domino Again 206th
A Son of Larry Domino 80th

Larry Domino Again 162nd
A Son of Larry Domino 80th

These two bulls, together with a carload of range bulls and a pen of five bulls, will be sold at Amarillo.

Now For Sale at The Ranch . . .

A number of herd bull prospects and range bulls of serviceable age.

"GET AHEAD

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HAMMON'S
HEREFORDS

WAYNE H. HAMMON, OWNER
806 CITY NATIONAL BLDG.
WICHITA FALLS, TEXAS

Looking for Top Herefords?



DR LARRY DOMINO

His Get Sells

See Our Consignments to These Sales:

★ TOP O' TEXAS, PAMPA, FEBRUARY 5th

- Senior calf out of Dr. Larry Domino and Dr. Domino dam.
- Senior heifer that is also sired by Dr. Larry Domino.
- Big rugged junior bull by Dr. Larry Domino.

★ NORTH PLAINS, PERRYTON, TEXAS, FEB. 12th

- Good big rugged Junior bull by Dr. Larry Domino.
- Heifer by Dr. Larry Domino.

★ PANHANDLE, AMARILLO, MARCH 5th

- Senior bull by Dr. Larry Domino and Doctor Domino dam. We are selling this bull with much reluctance for we had him marked to keep, but feel that he will do us a lot of good by giving our customers a chance to buy him.
- Senior heifer by Dr. Larry Domino and Doctor Domino dam. This heifer is out of full sister to top selling bull in Amarillo last year.

F. JAKE HESS McLEAN, TEXAS

AT AMARILLO • MARCH 5th

We are selling two bulls in the Panhandle Hereford Breeders Sale.

They Are:

CC Lamplighter 3rd, calved September 16, 1950.

D Mischief 1st, calved November 8, 1950.

CECIL CARR

Paducah, Texas

Your brand is your coat of arms, but it is of little use unless it is recorded.



DB Larry Domino 40th, first prize senior bull calf, National Western Stock Show, owned by Dudley Bros., sold for \$33,250 to Lazy River Ranches, Saratoga, Wyo.

Princeps 27th, W Mt. Proud Prince 10th and W Mt. Victorious 53rd.

Wayne T. McKinnon, Meeker, Colo., showed the reserve champions which were daughters of Tommy Domino, Jr.

A. D. Weber, Kansas State College, Manhattan, Kans., who judged the show, was high in his praise of the quality of animals entered.

Hereford awards to five places follow:

BULLS

Two-year-olds, 4 shown. 1, Milky Way Hereford Ranch, Phoenix; on MW Prince 1st; 2, Peterson Bros., Ogden, Utah, on Royal Mixer 1; 3, Straus Medina Hereford Ranch, San Antonio, Texas, on Medina Triumph 21; 4, Rancho Sacatal Dos Cabanos, Ariz., on RS Princess 99.

Senior yearlings, 4 shown. 1, Turner Ranch, Sulphur, Okla., on TR Zato Heir 40; 2, Straus Medina on Larry Plus 228; 3, Rancho Sacatal on RS Princeps Mixer; 4, Straus Medina on Noes Baca Prince 53.

Junior yearlings, 16 shown. 1, Milky Way on MW Super Larry 4; 2, Turner Ranch on TR Prince Larry 7; 3, Wyoming Hereford Ranch, Cheyenne, Wyo., on WHR Idealist 5; 4, Thurber & Herschede, Sonito, Ariz., on Flashy True Mold; 5, Jim Hering, McGregor, Texas, on JH Larry Domino.

Summer yearlings, 13 shown. 1, Dudley Bros., Comanche, Texas, on DB Larry Domino 34; 2, Suncrest, Hereford Ranch, Phoenix, on S Blocky Aggressor; 3, Wyoming Hereford Ranch, on WHR Idealist 14; 4, Milky Way on MW Dandy Larry 8; 5, Turner Ranch on TR Zato Heir 52.

Senior calves, 15 shown. 1, Straus Medina on Medina Triumph 55; 2, Wyoming Hereford Ranch on WHR Idealist 30th; 3, Turner Ranch on TR Zato Heir 88; 4, Suncrest on S Silver Standard; 5, Dudley Bros. on DB Larry Domino 40.

Junior calves, 16 shown. 1, Milky Way on MW Prince Larry 99; 2, Dudley Bros. on DB Royal Duke 51; 3, Suncrest on S Possessor C; 4, Milky Way on MW Larry Mixer 58; 5, Milky Way on MW Dandy Larry 24.

Summer junior calves, 11 shown. 1, Peterson Bros. on Larry Shadow 71; 2, Milky Way on MW Zato Larry 7; 3, Suncrest on S Aggressive Carlos; 4, Milky Way on MW Super Larry 15; 5, Dudley Bros. on DB Royal Duke 79.

Champion Hereford bull, Milky Way on MW Prince Larry 62 by MW Larry Domino 37.

Reserve Champion Hereford bull, Turner on TR Zato Heir 40.

Three bulls, 11 shown. 1, Milky Way; 2, Turner Ranch; 3, Dudley Bros.; 4, Wyoming Hereford; 5, Straus Medina.

Two bulls, 15 shown. 1, Milky Way; 2, Turner Ranch; 3, Dudley Bros.; 4, Milky Way; 5, Straus Medina.

FEMALES

Two-year-olds, 3 shown. 1, Milky Way on MW Princeps Larry 70; 2, Wyoming Hereford Ranch; 3, Clemens Hereford Ranch, Philomath, Ore., on Publican Princess 13.

Senior yearlings, 6 shown. 1, Turner Ranch on TR Zato Heir 46; 2, Thurber & Herschede on TH Larry Princess 1; 3, Clemens Hereford Ranch on Belle Domino C; 4, Straus Medina on Straus Royal Lady 27; 5, Thurber & Herschede on TH Larry Princess.

Junior yearlings, 14 shown. 1, Wyoming Hereford Ranch on WHR Peggy Lou 16; 2, Milky Way on MW Miss Mixer 21; 3, Milky Way on MW Miss Mixer 20; 4, Milky Way on MW Miss Dandy 11; 5, Thurber & Herschede on Larry's Donna 10.

Summer yearlings, 11 shown. 1, Milky Way on MW Zatos Larryana; 2, Wyoming Hereford Ranch on WHR Madeline 4; 3, Milky Way on MW Miss

Dandy 12; 4, Milky Way on MW Miss Blue Bell 9; 5, Turner Ranch on TR Zato Heires.

Senior calves, 12 shown. 1, Milky Way on MW Zatos Larryana 4; 2, Wyoming Hereford Ranch on WHR Starlette 47; 3, Turner Ranch on TR Lady Larry 2; 4, Thurber & Herschede on Larry's Nora 3; 5, Wyoming Hereford Ranch on WHR Starlette 45.

Junior calves, 10 shown. 1, Milky Way on MW Miss Mixer 44; 2, Thurber & Herschede on Larry's Donna 16; 3, Turner Ranch; 4, Wyoming Hereford Ranch on WHR Starlette 55; 5, Dudley Bros. on DB Royal Duchess.

Summer junior calves, 15 shown. 1, Turner Ranch on TR Zato Heires 159; 2, Milky Way on MW Princess Larry 13; 3, Peterson Bros. on Lady Mixer 27; 4, Milky Way on MW Miss Blue Bell 15; 5, Milky Way on MW Zatos Larryana 8.

Champion female, Milky Way on MW Zatos Larryana 1 by Zatos Aristocrat.

Reserve champion female, Wyoming Hereford on WHR Madeline 4.

Get of sire, 12 shown. 1, Milky Way on MW Larry Domino 37; 2, Milky Way on Zato's Aristocrat; 3, Turner Ranch on TR Zato Heir; 4, Wyoming Hereford on WHR Ideal Duke 1; 5, Dudley Bros. on JH Larry Domino 44.

Two females, 10 shown. 1, Milky Way; 2, Wyoming Hereford Ranch; 3, Turner Ranch; 4, Wyoming Hereford Ranch; 5, Milky Way.

Pair of calves, 13 shown. 1, Milky Way; 2, Turner Ranch; 3, Wyoming Hereford; 4, Milky Way; 5, Thurber & Herschede.

Pair yearlings, 9 shown. 1, Milky Way; 2, Wyoming Hereford; 3, Turner Ranch; 4, Wyoming Hereford; 5, Milky Way.

Best 5 head, 13 shown. 1, Milky Way Hereford Ranch.

The Aberdeen-Angus Show

J. Garret Tolan, Pleasant Plains, Ill., was the big winner in the Aberdeen-Angus show, taking 16 first places, including all championships except the re-

serve senior champion bull and reserve senior champion female, which were won by Charles and Catherine Ryan, 'Anderson, Cal.

The grand champion bull was Tolan's Quality Bandolier 3rd by Eva's Bandolier Lad. The reserve champion bull was Eileenmere 1500th by Eileenmere 500th. Tolan's champion female was Effie's Blackcap Missie by Eileenmere 500th, and the reserve champion was White Gates Edwina by Black Bardolier of White Gates 3rd.

The get of Eva's Bandolier Lad won the senior get of sire class and the junior get of sire class.

Other first prize winners included McCormick Ranch, Scottsdale, Ariz., and J. H. Sheets, Maquoketa, Ia.

Arthur Kilian, Cheyenne, Wyo., and Les Mathers, Mason City, Ill., made the placings.

Aberdeen-Angus awards to five places follow:

BULLS

Two-year-olds, 5 shown. 1, Tolan Farms, Pleasant Plains, Ill., on Quality Bandolier 3; 2, Charles and Catherine Ryan, Anderson, Cal., on Oxbow Eileenmere 42; 3, John M. Sheets, Maquoketa, Ia., on Blackcapper of Awol; 4, Waugaman Ranch, Watsonville, Cal., on Waugaman Bell Boy; 5, Rivermere A-A Ranch, Oldale, Cal., on Proud Bertram of Phoenix.

Senior yearlings, 7 shown. 1, McCormick Ranch, Scottsdale, Ariz., on Prince Sunbeam 629; 2, Ryan on Emperor Eric 3; 3, Waugaman on Waugaman Bandolier; 4, McCormick on Desert Prince 27; 5, Sheets on Earl Eric Bandolier 55.

Junior yearlings, 8 shown. 1, Tolan Farms on Eileenmere 1550; 2, Ryan on Emperor of Pleasant; 3, El-Tae Ranch, Valley Center, Cal., on El-Tae Georgiana; 4, El-Tae on El-Tae Queen; 5, Sheets on Pride's Prince of R & G.

Summer yearlings, 6 shown. 1, Sheets on Blackcap Quality Eric W. L.; 2, Ryan on Springmere 240; 3, Rancho Brazito, Meilla Park, N. M., on Brazito's Black Peer 4; 4, Waugaman on Angus Toro Bell Boy 14; 5, Ben P. Snure, Jr., Apache, Ariz., on Pride Lad B. 25.

Senior calves, 7 shown. 1, Tolan Farms on Bandoliermere 83; 2, McCormick on Desert Prince 59; 3, John H. Evans, Phoenix, on Trojan Enquiry of Phoenix; 4, McCormick on Desert Prince 55; 5, Sheets on Pride's Lad of R. G. 3.

Junior calves, 9 shown. 1, Tolan on Eileenmere 1145 by Eileenmere 1062; 2, El-Tae on El-Tae Bandolier; 3, Ryan on Eric's Supreme; 4, McCormick on Desert Prince 68; 5, Tolan Farms on Eileenmere.

Summer juniors, 3 shown. 1, Ryan on Burgermeister; 2, Sheets on Antler of Awol; 3, Sheets on Katro of Awol.

Senior champion bull, Tolan Farms on Quality Bandolier 3.

Reserve senior champion bull, Ryan on Oxbow Eileenmere 42.

Junior champion bull, Tolan Farms on Eileenmere 1550.

Reserve junior champion bull, Tolan Farms on Eileenmere 1145.

Grand champion bull, Tolan Farms on Quality Bandolier 3.

Reserve grand champion bull, Tolan Farms on Eileenmere 1550.

Five bulls, 5 shown. 1, Tolan Farms; 2, Ryan; 3, McCormick; 4, Sheets; 5, Waugaman.

Three bulls, 2 shown. 1, Sheets; 2, McCormick.

Two bulls, 7 shown. 1, Tolan Farms; 2, Tolan Farms; 3, Ryan; 4, El-Tae; 5, McCormick.

FEMALES

Two-year-olds, 1 shown. 1, Sheets on Elluna K. 5.

Senior yearlings, 7 shown. 1, Tolan Farms on



Aster Royal 45th, Champion at 1951 Amarillo Fat Stock Show



WOC Jay Mixer 456th. His first calves are arriving and are outstanding

See our offerings at these two sales:

TRI-STATE HEREFORD BREEDERS SHOW AND SALE

Clayton, New Mexico, February 11 and 12

We will sell six top bulls at Clayton that include Royal Aster 50th the last and on of the best sons of the great breeding bull, Royal Aster 35th. This bull is yellow, good headed, with short, heavy legs, lots of quality and weight for age. He is half brother to the champion, Royal Aster 45th, pictured above.

Alfred Meeks & Sons
DALHART, TEXAS

PANHANDLE HEREFORD BREEDERS SALE

Amarillo, Texas, March 5

At Amarillo we will sell three bulls and one heifer. They are: Aster Royal 54th, a full brother to Aster Royal 45th, our champion bull of Amarillo last spring. We believe the "54th" is one of the best herd bull prospects to be offered for sale anywhere. He is a junior yearling with size, quality, a real herd bull head and down on the ground. His sire, Royal Aster 35th, was the sire of 58 bull calves, four of which were a little off-marked and were used for club steers. Three of these steers were champions. 51 of his sons have sold for an average of something a little less than \$1,500. 49 of the 51 were less than a year old. Of the three sons left the "45th" is not for sale, the "54th" sells in the Amarillo Sale and the "56th" sells in the Clayton Sale. The "54th's" dam, Dinah Domino 2nd, is a great producing cow. She has produced three bulls and five heifers. Her first calf, a bull, was second top at the 1944 Raton Sale. Then came three heifers—Dinah Domino 65th, "89th", and "116th". The "116th" is a full sister to Aster Royal 45th and "54th". The "116th's" first calf was champion sale bull at Amarillo in 1950, selling to Julian Ball of Fort Worth. The "65th" had the reserve champion the same year and sold to Dave McDonald of Hereford. The "89th" has had all heifers up till this year, and all good ones. Then came the "45th" and "54th". Then a junior heifer calf that we show in Amarillo and her full sister, calved this January. All top individuals and great producers. The "35th" is a half brother to Colorado Lassie 66th, the cow we sold CK Ranch in the 1946 Denver Sale and has produced for them four outstanding bulls, including CK Crusty 46th our Champion of the recent Denver Show and topped the sale at \$41,250. The rest of our Amarillo consignment is made up of one summer bull calf, one junior bull calf and one senior heifer calf sired by WOC Jay Mixer 125th. The two bulls are real herd bull prospects with extremely heavy quarters. The heifer is the first we have sold since selling Colorado Lassie 66th. She is a really top heifer with a Royal Aster 35th dam. We want you to come see these cattle so badly that we will pay your round trip transportation if you are disappointed in our cattle. Remember the records show that our cattle have won more championships—both bulls and females, more first place, get-of-sire, and topped more sales of Amarillo in the past five years than all the other cattle exhibited combined.

MEET US IN AMARILLO

March 5

WE WILL OFFER

A GROUP OF THREE Junior Bull Calves

ALL SIRED BY

IMPERIAL MISCHIEF

DAMS SIRED BY

**SUPERB ADVANCE DOMINO
ADVENT MISCHIEF and
SIR MISCHIEF**

They are a rugged, yellow, useful set

Welcome to Our Ranch Any Time

J. F. ROSS & SONS, Goodlett, Texas

HEREFORD BULLS FOR SALE

Offering two bulls—14 and 19 months old. These bulls are sired by HD PALADIN B 103rd. He was raised by the Harrisdale Farms near Fort Worth. The dams are Combs & Worley bred and both were reserve champions at the Amarillo show.

Located 16 miles northeast of Dumas, Texas, on

Farm Road 119.

Visitors Welcome.

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Max Lindeman, Mgr.

All Progressive Ranchmen Read The Cattleman.

Elleemere T; 2, Ryan on Blackcap of J. R.; 3, Waugaman on Waugaman's Blackcap; 4, Sheets on Eline La-Mere; 5, Rivermere on Rivermere Princess of Jerry 2.

Junior yearlings, 8 shown. 1, Tolan Farms on Effies Blackcap Missie; 2, Tolan Farms on Pride Parade 2; 3, Ryan on Pride Reia E; 4, El-Tae on Barbara of El-Tae; 5, El-Tae on Miss Burgess of El-Tae.

Summer yearlings, 5 shown. 1, Tolan Farms on Barbaramere 36th; 2, Ryan on Eline Reia E; 3, Tolan Farms on Barbaramere 45; 4, Sheets on Pleasant Valley Erica 9; 5, Waugaman on Waugaman's Herdine.

Senior calves, 9 shown. 1, Tolan Farms on White Gates Edwina; 2, Tolan Farms on White Gates Rosbud Pride; 3, Rancho Braxito on Enchantress 2. E. of Braxito; 4, Ryan on Empress Reia; 5, Sheets on Elba of Awol 14.

Junior calves, 8 shown. 1, Tolan Farms on Lovely Ballarina 2; 2, El-Tae on El-Tae Lady Bradolier; 3, McCormick on Desert Elba Erica 6; 4, Ryan on Pride Reia E. 2.

Summer juniors, 4 shown. 1, Ryan on Eline Reia 2; 2, Sheets on Katinka of Awol 17; 3, McCormick on Desert Queen 2; 4, Sheets on Evening Arica of Awol 2.

Senior champion female. Tolan Farms on Elleemere T.

Reserve senior champion female. Ryan on Blackcap of J. R. by Elban Escort.

Junior champion female. Tolan Farms on Effies Blackcap Missie.

Reserve junior champion female. Tolan Farms on White Gates Edwina.

Grand champion female. Tolan Farms on Effies Blackcap Missie.

Reserve grand champion female. Tolan Farms on White Gates Edwina.

Get of sire, 4 shown. 1, Tolan Farms on Eva's Bradolier Lad; 2, Ryan on Elban Escort; 3, McCormick on Desert Prince 2; 4, Sheets on Glen Erwin J.

Junior get of sire, 5 shown. 1, Tolan Farms on Elleemere 1002; 2, Ryan on Elban Escort; 3, El-Tae on Bradolier 100; 4, Sheets on Glen Erwin J; 5, Sheets on Glen Erwin J.

Two females, 9 shown. 1, Tolan Farms; 2, Tolan Farms; 3, Ryan; 4, Ryan; 5, El-Tae.

Fair yearlings, 5 shown. 1, Tolan Farms; 2, Tolan Farms; 3, El-Tae; 4, Sheets; 5, Sheets.

Pair calves, 7 shown. 1, Tolan Farms; 2, Ryan; 3, El-Tae; 4, Ryan; 5, McCormick.

Produce of dam, 4 shown. 1, Ryan; 2, Ryan; 3, Sheets; 4, McCormick.

The Shorthorn Show

Mathers Bros., Mason City, Ill., showed both champions in the Shorthorn show and shared the reserves with W. C. Anderson, West Liberty, Ia., their only real competitor. Pierce Farms, Phoenix, was also entered in the show. Mathers Bros. won 14 blue ribbons and W. C. Anderson four.

Leveldale Good News, a consistent winner for Mathers Bros. at major shows, was named champion bull, and WL Max Major 4th won the reserve for the Andersons.

Leveldale Rothes Queen, a summer yearling, was champion female and Leveldale Maiden, a summer calf, was reserve.

Pierce Farms, Inc., Phoenix, won the trophy for the best Arizona-bred heifer, Sunbeam Missie 2nd.

A. D. Weber, Manhattan, Kans., judged the show.

Shorthorn awards to five places follow:

BULLS

Two-year-olds, 1 shown. 1, W. C. Anderson & Son, West Liberty, Ia., on W. L. Max Major 4.

Senior yearlings, 1 shown. 1, Mathers Bros., Mason City, Ill., on Kair Bahramby.

Junior yearlings, 2 shown. 1, Mathers Bros. on Leveldale Bond; 2, Anderson & Son on Viking 3.

Summer yearlings, 2 shown. 1, Anderson & Son on Viking 6; 2, Mathers Bros. on Leveldale Basis.

Senior calves, 2 shown. 1, Mathers Bros. on Leveldale Good News; 2, Mathers Bros. on Hartley Farms Durn.

Summer junior calves, 8 shown. 1, Mathers Bros. on Leveldale News Flash; 2, Anderson & Son on W. L. Max Major 16; 3, Bruce Heiden, Buycy, Ariz., on Sunland Supreme; 4, Mathers Bros. on Leveldale Adage; 5, Anderson & Son.

Champion bull. Mathers Bros. on Leveldale Good News.

Reserve champion bull. Anderson & Son on W. L. Max Major 4th.

Three bulls, 4 shown. 1, Mathers Bros.; 2, Anderson & Son; 3, Mathers Bros.; 4, Anderson & Son.

Two bulls, 4 shown. 1, Mathers Bros.; 2, Anderson & Son; 3, Mathers Bros.; 4, Anderson & Son.



Charlie Lewis, affable secretary of the Anxiety Hereford Breeders Association, poses beside the new Oldsmobile Rocket 88 presented to him at the recent Anxiety breeders sale at Amarillo. "Judge" Lewis, who lives in Sweetwater, has been secretary of the association about seven years and has a host of friends among the Hereford fraternity.

FEMALES

Senior yearlings, 1 shown. 1, Mathers Bros. on Princess Amelia 2.

Junior yearlings, 3 shown. 1, Mathers Bros. on Levidale Crocus 2; 2, Anderson & Son on Beauty 10; 3, Anderson & Son on Rosewood 150.

Summer yearlings, 3 shown. 1, Mathers Bros. on Levidale Rothes Queen; 2, Anderson & Son on Violet Mist 46; 3, Pierce on Victoria of Sunbeam 2.

Senior calves, 4 shown. 1, Anderson & Son on Craibstone Beauty 14; 2, Mathers Bros. on Levidale Blythesome; 3, Pierce on Sunbeam Sultana 4; 4, Smith on Rosemary's Red Rosebud.

Summer junior calf, 6 shown. 1, Mathers Bros. on Levidale Maiden; 2, Mathers Bros. on Levidale Rothes Queen 2; 3, Anderson & Son on Rosewood 160; 4, Anderson & Son on W. L. Secret; 5, Pierce on Sunbeam Missie 2.

Champion female, Mathers Bros. on Levidale Rothes Queen.

Reserve champion female, Mathers Bros. on Levidale Maiden.

Get of sire, 3 shown. 1, Anderson & Son; 2, Mathers Bros.; 3, Pierce.

Two females, 5 shown. 1, Mathers Bros.; 2, Anderson & Son; 3, Mathers Bros.; 4, Anderson & Son; 5, Pierce.

Pair yearlings, 4 shown. 1, Mathers Bros.; 2, Mathers Bros.; 3, Anderson & Son; 4, Anderson & Son.

Pair calves, 4 shown. 1, Mathers Bros.; 2, Mathers Bros.; 3, Anderson & Son; 4, Anderson & Son.

Special Trophy, Pierce on Sunbeam Missie 2.

The Brahman Show

The Brahman show was an all-Arizona affair, no out-state breeders being entered. Gayler & Manning, Amado, showed the champion bull, and Mr. and Mrs. William R. Cowan, McNeal, had the reserve champion bull as well as the champion and reserve champion female.

Brahman awards follow:

BULLS

Aged bull, 2 shown. 1, Gayler & Manning, Amado, on Almoro 662; 2, Paul Cornelius, Phoenix, on Snow Selim.

Two-year-olds, 1 shown. 1, William R. Cowan, McNeal, on AJM Rex Marso.

Junior yearlings, 1 shown. 1, Cornelius on Royal Showman.

Junior calf, 4 shown. 1, Gayler & Manning on Quatite 143; 2, Gayler & Manning on Bravo; 3, Gayler & Manning on Canoa's Pride; 4, Cornelius on Don Tipper.

Summer calf, 3 shown. 1, Gayler & Manning on Gradito; 2, A. Vic Swanson, Gilbert, on Popsy-Pasa; 3, Phyllis and Richard Graham, Marana, on Whitney 199.

Champion bull, Gayler & Manning on Almoro 662.

Reserve Champion bull, Cowan on AJM Rex Marso.

FEMALES

Two-year-olds, 3 shown. 1, Cowan on Miss Vaca J 14; 2, J. F. Dexter, Jr., Wittman, on Arizona Belle; 3, Dexter on Montana Queen.

Senior yearlings, 3 shown. 1, Cornelius on Miss Mile Hi Selim 6; 2, Cornelius on Miss Highlandling 2; 3, Ann Robbins, Scottsdale, on Desertion.

Junior yearlings, 3 shown. 1, Cowan on Herlor's

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CONSIGNING:

★ TO AMARILLO MARCH 5

Two of the top sons of Zato Heir W 44th. Both were members of the second and third place Panhandle special get-of-sire, at the Tri-State Fair, stood third and fourth in a strong class of senior bull calves. Both of these bulls are hard bull prospects. They are good headed, good boned, and lots of depth and low set. A half sister was champion at the State Line Fair, Shamrock, Texas.

★ TO PERRYTON FEB. 11, 12

Selling one son and one daughter of the "44th." Both senior calves, the bull is a half brother to the reserve champion heifer we sold there last year. Both of these are deep-bodied calves. Also selling a heifer bred to the "44th."

Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952

Selling in DURANT, OKLAHOMA SALE MARCH 3rd

★ Two daughters of Diamond Gwen, with calves at foot by a grandson of Dan Domino 118th. These heifers are bred like the one M. L. Smiley of Brookston paid \$1,000 for at the 1947 Durant Sale.

★ Two granddaughters of Proud Mixer 21st, with calves at side by the above son of Dan Domino 118th. They are bred like the two heifers Smiley bought in the 1951 Durant Sale at \$900 each.

★ One bred heifer and one yearling bull by Publican Domino 20th.

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Queen: 2. Cowan on JDH Lady De Manso; 3. Graham on Quido 99.
Junior calf, 4 shown. 1. Gayler & Manning on Hooker 22; 2. Gayler & Manning on Panchita; 3. Graham on Judy; 4. Robbins.
Champion female. Cowan on Miss Vaca J 14.
Reserve Champion female. Cowan on Herlor's Queen.
Get of Sire, 1 shown. 1. Gayler & Manning on Donne.

Arizona National Aberdeen-Angus Sale

SUMMARY

13 bulls	\$ 5,905; avg.	\$454
37 females	17,410; avg.	470
50 head	23,315; avg.	466

A TOP price of \$2400 was paid by J. Garret Tolan Farms, Pleasant Plains, Ill., for a junior heifer calf in the Aberdeen-Angus sale held in conjunction with the Arizona National Livestock Show at Phoenix. The calf, Desert Elba Erica 6th, by Desert Prince 2nd, was consigned by McCormick Ranch, Scottsdale, Ariz.

A senior yearling heifer, Coquette of Ada, donated by Ben P. Snure, Jr., Apache, Ariz., to the Arizona Angus Breeders Association, sold for \$1,100 to Kenneth Pound, Phoenix. She was a daughter of Prince Sunbeam 41st.

A. J. Fillmore, Mesa, Ariz., paid \$900 for a senior yearling heifer, Rivermere Princess of Jerry 2nd, a daughter of Jeronimo's 500th, consigned by Rivermere A-A Ranches, Alldale, Calif.

The top on bulls was \$900 paid by Sam Davis, Grass Valley, Ore., for a summer yearling son of Bell Boy A 10th, consigned by Waugaman Ranch, Watsonville, Calif.

Harrison Cutler, secretary of the Pacific Coast Aberdeen-Angus Breeders Association, managed the sale.

Arizona National Hereford Sale

SUMMARY

70 bulls	\$ 89,390; avg.	\$1,276
32 females	32,448; avg.	1,013
102 head	121,788; avg.	1,194

SPIRITED bidding marked the Hereford sale sponsored by the Arizona Hereford Association during the Arizona National Livestock show at Phoenix January 5.

Milky Way Hereford Ranch, Phoenix, topped the sale on a junior bull calf, MW Double Larry 6th, sired by MW Larry 50th Jr. and out of a daughter of Larry Domino 50th. This outstanding individual sold for \$6,000 to Goemmer Bros., LaVeta, Colo. Model Larry 1st, by MW Prince Larry 15th, sold for \$3,050 to Purcell and Ralph DeWall, Coldwater, Kans. Jose Elias, Nogales, Sonora, Mexico, paid \$2,900 for MW Larry Mixer 63rd, another junior bull calf by MW Larry Domino 83rd, and Harley Hotchkiss, Burns, Ore., paid \$2,750 for a junior bull calf by MW Larry Domino 107th.

LM Prince Larry 66th by MW Prince Domino A 13th, consigned by Long Meadow Ranch, Prescott, Ariz., sold for \$2,550 to Fred B. and Eleanor Sillick, Buffalo, Mont.

The top female was Miss Advancer 22nd by Advance Domino 25th, consigned by Greene Cattle Company, Patagonia, Ariz. She was champion sale heifer and sold to the Cornelius Cattle Company, Coleville, Calif., for \$1,900.

The champion pen of females consigned by Suncrest Hereford Ranches sold for \$2,500 each to Cornelius.

Buck Williams and Ernie Paddock, Klamath Falls, Ore., paid \$2,500 each for the champion pen of bulls consigned by Long Meadow Ranch.

The Cattleman's

WASHINGTON ROUND-UP

By THE CATTLEMAN'S Special Washington Correspondent

Seek Hide Decontrol—Representatives of the livestock and meat industry sent a joint letter to Secretary of Commerce Charles Sawyer January 16 pointing out that heavy native steer hides and Colorado steer hide prices have not been so low since April, 1941. Heavy native hides have dropped 19 cents since last autumn while light native hides have dropped 14 cents.

The letter said that these low levels of prices for hides have occurred as a result of the government's domestic and export controls. Each month the National Production Authority determines how many hides and skins tanners can purchase. The amount is always set at a figure below actual production. This means that all the hides accumulated by packers and dealers cannot find a market. Under these circumstances the buyers of hides and skins have been able to force down prices month after month.

Export controls likewise depress prices whenever the domestic supply exceeds the domestic demand for hides and skins as has been the case in this country in recent months. The letter to Secretary Sawyer asked him to announce a meeting date with industry representatives to discuss the removal of the discriminatory controls.

U. S. Meat Grading Forum—One of the highlights of the coming annual

meetings of the Western States Meat Packers Association in Los Angeles February 13, 14, and 15, will be a forum on U. S. meat grading. President and general manager, E. F. Forbes, said Fred J. Beard, chief of the federal meat grading service, Washington, and a panel of grading experts representing the growers, feeders, processors and the public, will discuss weaknesses which have developed in the federal meat grading service.

A more uniform understanding of the grading standards and their application will also be sought by the forum participants. Besides Beard, the panel includes Henry J. Kruse, Seattle Packing Company, Seattle, forum chairman; Loren Bamert, American National Cattleman's Association, Ione, California; Howard Vaughan, past president National Wool Growers Association, Dixon, California; Seth T. Shaw, Washington representative for Safeway Stores, Inc., Washington, D. C.; J. C. Peterson, president National Lamb Feeders Association, Spencer, Iowa; and Nelson Crow, publisher of the Western Livestock Journal, Los Angeles.

There has been much dissatisfaction with USDA beef grading this past year and it is hoped by Forbes that a forum discussion by a group of the nation's

foremost grading experts will point the way to some real improvements.

Slaughter Quotas—Leading Congressmen are predicting that President Truman's plan to revive cattle slaughter quotas in the new session of Congress as part of the government's meat price control program will be beaten. One key legislative leader, said, "Unofficially, we can't see how we can get slaughter quotas restored when there is so much beef coming to market."

Slaughter quotas were imposed by the Office of Price Stabilization last April on 13,450 slaughterers and 9,300 distributors who had their slaughtering done on contract. Legislation is still alive to put the control of slaughter quotas back in effect but it is generally conceded that Congress will refuse to act on the bill. The Texas and Southwestern Cattle Raisers Association was one of the chief organizations responsible for ending slaughter controls last fall.

Meat Inspectors Fired—Dr. A. R. Miller, Chief Meat Inspection Division, Bureau of Animal Industry, fired scores of meat inspectors in widely scattered parts of the country in late January. He took this action, he said, because Congress cut \$600,000 from the meat inspection appropriation for the fiscal year ending June 30, 1952.

Last year the Bureau of the Budget requested \$13,400,000 to pay the cost of meat inspection. The amount approved by Congress, however, was \$12,800,000. But Congress authorized the Meat Inspection Division to charge the packers for inspection service that can not be furnished by funds appropriated by the federal government. Since meat inspection is a public health service to insure

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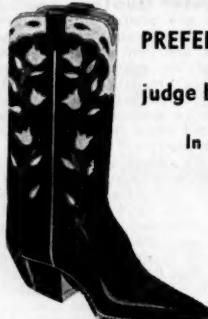


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that consumers are protected from diseased and unwholesome meat, it is expected that the entire livestock and meat industry will work together in 1952 on legislation requiring the entire cost of federal meat inspection to be borne by the federal government.

Sheepmen Go to Washington—Howard Vaughan and J. C. Peterson, with other lamb raisers and feeders, have gone to Washington to meet with members of Congress and Office of Price Stabilization officials to acquaint them with the serious price situation which they are now facing. They state that lambs are heavier this year than usual and their product is not moving in retail stores because price controls have set up barriers which discourage retailers from promoting the sale of these heavy lambs.

The sheepmen fully concur with the cattlemen that there is only one solution to their problem and that is to end OPS. Senator Ecton of Montana says price controls serve no useful purpose and hurt production by adding to the cost of doing business. He indicated he would join other Senators in an all out attempt to terminate controls in this session of Congress.

Joe Betts of the American Farm Bureau Federation's Washington office says, "Hats off to Senator Ecton and all other members of Congress who will fight to return America to the great free-enterprise system."

National Western Hereford Sale

SUMMARY

145 bulls	\$661,915; avg.	\$4,565
45 females	80,150; avg.	1,781
198 head	742,065; avg.	3,906

SOUTHWESTERN Hereford breeders shared generously in the high prices paid at the Hereford sale held during the National Western Stock Show at Denver January 14-15. It was one of the best National Western sales ever held and set a number of records. Seventeen bulls sold at five figures with a top price of \$41,500 paid by E. L. McCormick, Medina, Ohio, for CK Crusty 46th, the bull that CK Ranch, Brookville, Kans., had shown to championships in a number of shows. He was reserve champion at Denver. This was the highest price since Dan Thornton, Gunnison, Colo., sold two bulls at Denver for \$50,000 each several years ago. CK Ranch also sold two other bulls for \$10,000 each.

Turner Ranch, Sulphur, Okla., sold TR Zato Heir 40th, first prize senior yearling and a son of the great TR Zato Heir, to CK Ranch, Brookville, Kans., for \$35,000. Turner Ranch also sold TR Zato Heir 86th to Adams Hereford Ranch, Chico, Calif., for \$15,000.

Dudley Bros., Comanche, Texas, were persuaded to sell DB Larry Domino 40th, first prize senior bull calf at the Denver show. He sold for \$33,250 to Lazy River Ranches, Saratoga, Wyo. The Dudleys reserved the right to show him at Fort Worth and San Antonio. He was the grandson of the bull that sold to Jim Sharp, Tulsa, Okla., in the Haley dispersion for \$39,500.

Milky Way Hereford Ranch, Phoenix, Ariz., sold three bulls in the five-figure bracket. MW Dandy Domino 1st sold to Stoney Acres Farm, South Lyon, Mich., for \$21,800; MW Super Larry 15th went to Emmadine Farm, Breckenridge, Mo., for \$20,000, and MW Prince Larry 82nd sold for \$19,500 to Schermerhorn Farms, Minoham, Minn.

Bowen Hereford Farm, Coleman, Texas, sold BHF Proud Mixer 17th to A. D.

BIG PASTURE PUREBRED HEREFORD ASSOCIATION SALE

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SELLING 120 HEAD
96 BULLS ★ 24 FEMALES

The bulls will be sold singly and in pens of two to five. Range bulls and some Herd bull prospects. Some cows with calf by side, some bred and some open. These cattle will sell in range condition.

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642 acres last fiscal year, making a total of 140,404,405 acres on which conservation measures have been applied.

Soil conservation surveys, to provide the basic information for planning and applying complete conservation plans, were completed on 35,181,686 acres last year, making a total of 376,323,538 acres "inventoried" up to July 1.

The report stresses the need for complete and scientifically coordinated conservation to maintain our national productive capacity. It points out that American farmers and ranchers have been called on, year after year through the last decade, to produce more than any comparable group of people ever produced in the history of the world.

"We cannot achieve the sustained production that our national economy is likely to demand, with piecemeal action or by half-way conservation measures," Bennett said. "We must have full and complete conservation—total conservation."

A new system of conservation planning was put into effect by the Service during the last year, the report states. This system is designed to reach an increased number of farmers each year. The new system, however, does not change the basic concepts and operations of the Service. It merely provides for helping farmers start with simple practices, applied according to the scientific needs or capabilities of the land, and to work toward the complete farm conservation plan. The procedure, which the Service had been developing for three years, was instituted last spring to help carry out the greater coordination of the Department's conservation work called for by Secretary Charles F. Brannan.

The increasing importance of soil conservation districts, of which there are now about 2,400 organized and operated by farmers and ranchers under State laws, is emphasized. A financial statement shows that the Service spent a total of some 64 million dollars for the fiscal year. Of this amount, about 52 million was for regular operations in soil conservation districts. Around seven million was used for flood control work. About one and a half million was for research.

Judges for San Antonio Stock Show Announced

LIVESTOCK judges have been announced for the third annual San Antonio Livestock Exposition, to be held February 15-24 at Bexar County Coliseum.

The list includes some of the state's best-known authorities on various breeds, in addition to two men from Oklahoma A. & M. College and one judge from Indiana.

A. E. Darlow, head of the animal husbandry department at Oklahoma A. & M., will judge Aberdeen-Angus breeding cattle, and Alex McKenzie of the same college will judge medium wool sheep.

Charles H. Nickel of Carmel, Indiana, will judge the Shorthorns.

Frank Scofield, collector of internal revenue at Austin, will judge the Brahman (ABBA), and W. L. Stangel, dean of agriculture at Texas Tech. College, the Brangus.

Polled Herefords will be judged by J. K. Riggs of the department of animal husbandry, Texas A. & M. College. Joe Ridgway, former head of the dairy husbandry department at Texas A. & M. College, and first manager of the San Antonio Show, will judge the Jerseys;



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March 11, 1952



O' LARRY MISCHIEF 7th

This champion bull at the 1951 National Polled Hereford Show at Louisville, Ky., came to O'Bryan Ranch at the sale's top price of \$26,000. Either horned or polled breeders could benefit from the strong bloodlines in this champion polled individual. **BUY HEIFERS BRED TO HIM ON MARCH 11!**

THE 1951 NATIONAL POLLED CHAMPION

O' Larry Mischief 7th (pictured left) combines a cross of Larry Domino and Advance Domino 30th bloodlines. Colorado Domino 159th is the grandsire of both his dam and sire. The famous "159th" is also the sire of the dam of the former Honey Creek bull, MW Larry Domino 107th, world's record-priced Hereford bull owned by Milky Way and Bridwell Hereford ranches.

SFL Domestic Mischief 292891-5053258

May 3, 1949.

Miss Adv. Domino Mischief 282990-4950568

MW Domino 35th

3049607

Bama L. Domino 11th

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MW Domino 35th

3049607

Lulabelle 3d

3212960

Colorado Dom. 159th

Lady Mischief 3d

Polled Larry Domino

Miss Bama Chief 4th

Colorado Dom. 159th

Lady Mischief 3d

Advance Domino 30th

Lulabelle

SELLING 144 HEAD...

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We urge you to attend our sale. Both horned and polled breeders alike will find the very best horned bloodlines that they are seeking in these good polled individuals.



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A son of the famous "Poppy," EER Victor Domino 12th, this great bull was a member of the 1950 winning get of sire, first-prize two-year-old bull in open competition at Atlanta and Jackson, and second in class to the 1950 National reserve champion at Kansas City.



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H. B. Hale.....	Goodwell, Okla.	Velden R. Swigart.....	Mooreland, Okla.
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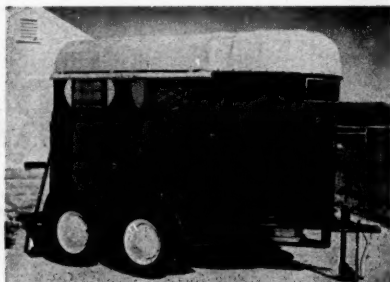
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A new world's record for a Polled Hereford female was established at the National Western Polled Hereford sale when Helen Dandy Domino 1st, champion female of the show, sold for \$13,000 to Calvin Fowler, Franklin, Tenn. The heifer was consigned by Welford Scott, Chadron, Neb.

Dr. I. W. Rupel, head of the dairy department at Texas A. & M., the Holsteins, and R. E. Gracey of Roscoe, Texas, the Milking Shorthorns.

J. E. (Spud) Tatum, Rocksprings, Texas, will judge fine wool sheep; Armer Earwood, Sonora, Texas, Angora goats, and Vestal Askew, Sonora, all fat lambs. All fat steers will be judged by Dr. J. C. Miller, head of the department of animal husbandry, Texas A. & M., and all fat swine by F. I. Dahlberg of the same college.

Steers will be sifted by B. J. Baskin, Bryan, Texas; Dave Shepherd, San Antonio, and Glen Ellison of the Market News Service, Union Stock Yards, San Antonio. Fred Hale of the department of animal husbandry, Texas A. & M., will sift hogs, and John H. Jones, of the same college, will sift lambs.

Dr. A. B. Crawford Retires From B. A. I.

Dr. A. B. CRAWFORD, veterinarian of the U. S. Department of Agriculture, recently retired after approximately 43 years of government service. Of this time 37 years were spent with the Bureau of Animal Industry.

During World War I Dr. Crawford served in the Veterinary Corps of the U. S. Army. Returning to the Bureau in 1919, he was assigned to the animal disease station at Bethesda, Md., where he engaged in research on tuberculosis. The station was moved to Beltsville, Md., in 1936, as a part of the Agricultural Research Center. In 1943, Dr. Crawford was placed in charge of the station. Here he was instrumental in having the Bureau assume responsibility for the production and distribution of uniform plate and tube antigens for diagnosis of brucellosis in animals, which led to more efficient administration of control procedures.

Dr. Crawford also served with the Bureau's forces in the 1914 and 1924 outbreaks of foot-and-mouth disease, as field veterinarian. In July, 1950, he was appointed in charge of the Bureau's European mission for research on foot-and-mouth disease, with headquarters in Amsterdam, Holland. He held this position until November, 1951, when he returned to Washington.

He is the author of many scientific articles and reports relating to research on tuberculosis, brucellosis, and vesicular diseases.

Bull Is Considerably More Than Half of the Herd, Study Shows

IT IS often said that a bull is half your herd, but in matters of weight gains and weight for age, he is considerably more than half. If intensive studies at the Montana Agricultural Experiment Station are taken into account, he is more like 75 per cent of your herd, says a release by the American Shorthorn Breeders' Association.

This idea Shorthorn and Polled Shorthorn breeders in the United States are emphasizing in showing the desirability of the breed for sires in crossbreeding. They believe that growing demand for Shorthorn and Polled Shorthorn bulls is proof that the commercial breeder has become aware that it is the bull that does the job in putting on faster pounds in calf crops. This is only the beginning, they say, in a rising future of the breed in big-scale commercial cattle production.

The unquestioned fast-maturing traits of the Shorthorn place him in a good position to go places in the movement to crossbreeding in the United States. These purebred cattlemen believe this characteristic should distinguish the breed over and above the hybrid vigor that ordinarily derives from crossing and predict that great herds of cross-bred cows sired by Shorthorns will eventually prove the additional big factor of extra milk in the production of faster-gaining third gen-

eration calves. They base these convictions on a number of the findings in Montana.

Though the three-year Montana studies showed a variation in heritability figures for various traits, they were remarkably consistent as to comparative relationships among these traits. Here is what the studies showed.

Growth measures were much more highly influenced by heredity than were measures of quality and conformation.

Heritability of weight for age is lowest at weaning time. (This is influenced by greater or less milk production in mothers.)

Specifically, the growth measures were found to be as follows: weight at 15 months of age, 92 per cent; rate of gain on feed, 77 per cent; birth weight, 53 per cent, and weaning weight, 28 per cent.

Carcass grades are the least heritable among conformation measures—33 per cent; whereas slaughter steer grades showed 45 per cent.

What does all this mean?

It means simply that the cattleman who is seeking bulls that will only engender superior live or carcass type in calf crops will not get much from his purchases. On the other hand, if he wants faster gains and weight for age in combination with acceptable market type, he will do best to select bulls that in their

own growth have proved performance in these characteristics.

The idea that bulls will engender heavier weaning weights in calves is fallacious.

Still another study at the station showed that there was little or no association between conformation points and ability to gain—disproving a common belief among cattlemen that they can select the faster-gaining, more efficient animals by using conformation characteristics as the measuring stick. The feeder buyer would need to study performance tests of herd sires in order to determine this ability—a practical impossibility in the commercial cattle business.

Events of the past year indicate that cattlemen are becoming more interested in the growth factor in their calf crops, and many of them are turning to Shorthorn and Polled Shorthorn bulls—whether they want them for outright crossbreeding or as foundation for faster-maturing characteristics in future generation progeny of other breeds. This was demonstrated at the last Red Bluff Range Bull Sale in California, where Hereford cattlemen predominated among the buyers of Shorthorn and Polled Shorthorn bulls. Another Red Bluff sale is scheduled for February 7-9, and new converts to gaining performance in combination with conformation are expected to add to the brisk bidding for 80 bulls. Last year the sale brought a sale record average of \$1,087 for 61 bulls.

Quantity bull buyers will also have an opportunity to bid on 200 Shorthorn and Polled Shorthorn bulls in Omaha on February 20 and 21.

Even though it needed more quality in its consignments, the first Range Bull Project show and sale in Broken Bow,

POLLED SHORTHORNS of TOP BREEDING



OAKWOOD MEDALLION x, by Oakwood Leader x

Sires in Service

OAKWOOD MEDALLION x (pictured) by
Oakwood Leader x

WHEATLAND VIKING by Killearn Monarch
101st

From a cow herd made up of daughters and granddaughters of the finest bulls in modern Polled Shorthorn history which are mated to our outstanding team of sires, we are reaping a harvest of grand Polled Shorthorn calves. These top matings are producing real herd bull prospects and the very best of range bulls. At Bar L the commercial rancher, as well as the pure bred breeder, can get top quality Polled Shorthorn bulls at sensible prices.

VISITORS WELCOME

BAR L POLLED SHORTHORNS

WALLER,
TEXAS

CHAS. M. LUSK, Owner ★ DON HOLLINGSWORTH, Herdsman

TOP SHORTHORNS . . . for any breeding program



PRINCE PETER MASON 2520230
Reserve Champion Fort Worth, Champion
Houston and San Antonio 1951

Shorthorns have proven their worth in cross-breeding programs. We have several good service age bulls for sale that we believe will fit your needs. We also have a few top herd sire prospects that will interest the purebred Shorthorn breeder.

See our bulls on exhibition at:

HOUSTON FAT STOCK SHOW—January 30-February 10

SAN ANTONIO LIVESTOCK SHOW—February 16-24

C. M. CARAWAY & SONS
DE LEON, TEXAS

MEET US IN JACKSON

Mississippi State Shorthorn Breeders Show and Sale

Jackson, Miss., February 23, 1952

We are offering in this sale 3 BULLS and 3 FEMALES

The bulls are:

- A rugged two-year-old son of Klaymor Juror.
- One of the better sons of Burton Royal Leader 8th.
- A rugged, roan son of Lynwood Laddie.

The females contain our best white, polled cow with a good heifer calf at foot and rebred to Glen Knolls Victor 2nd, a half brother to the \$10,000.00 Glen Knolls Major.

- A granddaughter of Pittodrie Upright that should top the sale. This heifer bred to Edellyn Express Mercury.
- A roan, polled open heifer deep in good polled breeding.

OAKLAWN FARM Phone 8581 E. W. TAYLOR, Owner
Sledge, Miss.

Located on Highway No. 51 — Como, Miss.

Scotch Shorthorn

Bulls for Sale

Twin Creek Farm - Laneview Farm

Gerald C. Tolleson, Owner - Ernest L. Raphael, Owner
ENNIS, TEXAS

75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952

Nebr., last year was considered successful enough by the directors of the American Shorthorn Breeders' Association to authorize funds for two such programs this year—one in Broken Bow and the other in Alabama, the exact location of the latter yet to be determined. Some 200 bulls are being asked from breeders throughout the United States to go into these grass-on-grain conditioning programs around May 1.

Last year's Broken Bow sale showed little relationship between the extremes of gaining performance and the prices bull buyers were willing to pay on the various lots. However, consistently strong gains when combined with desirable conformation in bulls found buyers eager to purchase at good prices. More uniformity will find cattlemen making good use of performance charts.

Because the American Shorthorn Breeders' Association believes that performance testing is based on sound principles of animal husbandry if combined with visual comparison essential to acceptable conformation—they will have the project bulls weighed at intervals, and performance charts will be furnished buyers on sale day.

March 15 Deadline for Bluegrass Shorthorn Futurity

DATES and location for the second Bluegrass International Shorthorn Futurity have been changed, according to announcement of the American Shorthorn Breeders' Association.

Formerly scheduled for Louisville, Ky., on March 18, the big show and sale has been moved back to April 30 and May 1, the location to be the Keeneland Race Track in Lexington, Ky.

Shorthorn and Polled Shorthorn breeders are asked to submit their entries and sale nominations to the association office by March 15.

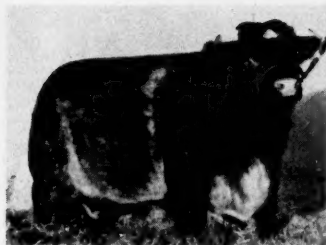
The change to the later date was made to allow for better weather for the event and to facilitate participation of more breeders, many of whom had tight schedules of other breed activities during the month of March.

A big prize list of \$8,000 is expected to bring exhibits from 15 or more states. Half the premium money is put up by the department of agriculture of the state of Kentucky, the other half by the American Shorthorn Breeders' Association.

Association officials point out that the Futurity is one of the big money shows of the year. Last year, Kickapoo Farms, Kenosha, Wis., were top premium winners, taking three first places at \$250.00 each. Their six sale entries averaged \$1,356. Buyers, including commercial cattlemen from the West, came from 16 states, showing the vast interest among herd owners wanting to purchase Futurity sale offerings.

The country's food and fiber needs continue to increase. In 1927—just 25 years ago—there were 117,000,000 people in the United States. Now there are 154,000,000. At the present rate of increase, there will be nearly 200,000,000 people in the U. S. in 1975.

The 1952 national production goal for cotton is 16,000,000 bales on 28,000,000 acres, compared with the 1951 production of 15,290,000 bales from about 28,000,000 acres in cultivation on July 1.



Sunset Bounce, champion Shorthorn bull, National Western Stock Show, owned by B. Hollis Hanson, Connersville, Ind.

Corn Cobs Valuable in Wintering Shorthorn Steers

HEAVIEST load of yearling steers to go through the auction ring at the last Chicago Feeder Cattle Show were Shorthorns averaging 903 pounds. They had won eighth place in the open competition and sold for \$34.00 per cwt.

Few persons among the thousands who jammed the big auction pavilion realized they were witnessing a miracle of cattle feeding research. These cattle had been fed corn cob and small amounts of rich protein supplement to bring average gains up to 1½ pounds per day. They were the heavier end of several Shorthorn consignments by the Purdue University experimental farm in Indiana.

Nobody can deny in these times of price controls and high feeder and corn costs that cheaper gains for cattle are desirable. Just as industry seeks every means of converting waste from raw materials into saleable by-products, so does agriculture want to get maximum use out of roughages which before now had partly gone to waste.

The new concept is based on the knowledge that a nutrient is needed for the billions of bacteria in the rumen of cattle in order to break down high cellulose roughages more efficiently. Purdue gives its cattle 3½ pounds daily of a supplement that consists largely of soybean oil and molasses feed, together with small parts of bonemeal, salt and vitamin concentrates of A and D.

Steers eating this supplement along with 37 pounds of corn silage will put on better than a two-pound daily weight gain at a cost of 15 cents per day. Assuming 15 tons of corn silage per acre, this will mean production of 2,000 pounds of beef per acre. In terms of corn value, this figures out to bring an average of \$5.50 per bushel for the corn marketed through cattle selling at only 30 cents per pound.

Grass silage mixed with a small amount of ground corn, produced two pounds gain per day when used with the supplement; corn cobs, 1½ pound; oat straw, .93, and soybean straw, .078 pound.

Prof. W. M. Beeson, director of the program, says, "The lowly corn cob has been raised from a feeding value which was practically nil to a valuable source of energy for roughing and growing cattle through the winter." He believes Indiana has sufficient corn cobs to winter at least a million head of cattle.

THE IOWA ROYAL SHORTHORN SHOW AND SALE

March 10 and 11, 1952

Iowa State Fair Grounds, DES MOINES, Iowa



Iowa's Greatest and One of the Nation's Best Sales. A Classic of Proven Quality That Has Sold From Coast to Coast and Border to Border. The Parade of Iowa Champions and Winners at National Shows Goes On. International Grand Champion Bull, 1949, 1950 and again in 1951.



This Sale Offers the Get, Service and Blood Relation of These and Many More Winners, Champions and Top Imported Seed Stock.

75 HEAD 35 Bulls 40 Females

The greatest group of individually selected Show and Breeding Bulls outside of an International Sale.

Great cows with calves at side, sensational bred heifers, beautiful open heifers.

These State and Nationally known Breeders and Exhibitors consigning their finest productions and many top Winners to this Sale are:

W. C. Anderson & Son.....	West Liberty, Ia.	A. P. Lyon.....	Swan, Ia.
M. L. Andrews & Son.....	Melbourne, Ia.	Tedford W. Miles.....	Corydon, Ia.
Paul H. Aldinger.....	Ackley, Ia.	L. M. Nicoll.....	Mechanicsville, Ia.
Harold Bergquist.....	Rockwell City, Ia.	Penningroth Bros.....	Wellman, Ia.
Theo. Bergquist & Son.....	Somers, Ia.	P. A. Rasmussen & Sons.....	Goldfield, Ia.
Leroy V. Brown.....	Corning, Ia.	C. L. Rees.....	Pleasantville, Ia.
Clausen Bros.....	Spencer, Ia.	L. & A. T. Robinson.....	Masonville, Ia.
Carl E. Dahlgren.....	Clarion, Ia.	W. E. Ruffcorn.....	Collins, Ia.
Warren Dankel.....	Glidden, Ia.	Geo. Struve & Sons.....	Manning, Ia.
Lloyd H. Davis.....	Oakland, Ia.	Ben G. Studer.....	Wesley, Ia.
G. E. Held.....	Hinton, Ia.	E. N. Taylor.....	Carroll, Ia.
H. Russell Held.....	Hinton, Ia.	Vernon D. Uehling.....	Ankeny, Ia.
F. W. Hubbell, Helfred Farms.....	Des Moines, Ia.	Urice Bros.....	Vinton, Ia.
Gilbert Kardel.....	Walcott, Ia.	Norman Watne.....	Eagle Grove, Ia.
John N. Long & Son.....	Madrid, Ia.	Fred Watson & Son.....	Bagley, Ia.
		Wm. Wiebke.....	Greene, Ia.

Attend an IOWA ROYAL Banquet, Monday Evening, MARCH 10th, Hotel Kirkwood. Write Early for Illustrated Catalog containing more than 40 Actual Photos. Also Write for Hotel and Banquet Reservations.

ALBERT J. HAMANN, Secretary-Manager, Rock Rapids, Iowa

Sponsored by the Iowa Shorthorn Breeders' Association.



Cellynie's Contender x, sire of champion and top selling female, champion pair and reserve champion bull at Buffalo.

We Swept the Platter

at the first Oklahoma Polled Shorthorn Sale, Buffalo, November 17th. Champion bull, champion and reserve champion female, champion pair. Reserve champion bull was bred by us. FOR SALE: 8 yearling bulls, half brothers to the Oklahoma State Sale winners; 4 by Cellynie's Contender x, 3 by Kiowa Protector 2nd x, sire of champion bull and reserve champion female. Also selling 10 cows bred to bulls pictured and ready to start calving.



Riverdale Star x, son of the \$5,000 Riverdale x. His first calves are for sale now.

DOUBLE R POLLED SHORTHORNS



ROY R. RUTLEDGE WOODWARD, OKLA.

11 north, ¼ east and 1 north of Woodward

Your brand is your coat of arms, but it is of little use unless it is recorded.

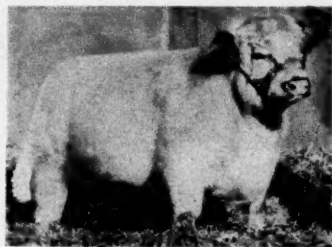
SHORTHORNS

A Small Herd of Good Ones—Located in Central Texas

At the head of our herd is Grandview Upright 2nd, the 1951 East Texas Fair grand champion and the Central Texas Fair grand champion. This top grandson of Petto-drie Upright is being mated to our herd of select females.

We have for sale at this time a few good heifers bred to Grandview Upright 2nd. Some of them are ready to start calving. Inquiries and visitors welcome.

Carley B. Barker & Benton
MOSHEIM, TEXAS



Leveldale Good News, reserve champion female, National Western Stock Show, owned by Mathers Bros., Mason City, Ill.

Plan Two Shorthorn Range Bull Projects This Year

BECAUSE of the success of the first Range Bull Project held in Broken Bow, Nebr., last year, the board of directors of the American Shorthorn Breeders' Association have voted funds to initiate two such programs in the coming year.

The two projects have been set for Broken Bow, Nebr., and in Alabama, location in the latter yet to be decided. Both are planned to start about May 1, with shows and sales to be scheduled in October.

Range producers who buy bulls in car-load lots like them conditioned in identical environments. The projects will also furnish gain performance records to buyers so that they may select those bulls that will most likely prove their merit in engendering fast weight gains in calves.

February 15 will be the deadline for nominations by consignors. Consignments should be made in groups of three registered Shorthorn or Polled Shorthorn bulls, calved between January 1 and April 30, 1951—preferably but not necessarily by one sire. Neighboring breeders may consign one or more groups of three bulls under one name for each group of three. Group uniformity is desirable when possible, and only thrifty, well-grown young bulls should be offered. They should not be over-fat.

Bulls will be assembled at central points for most economical shipment to their destination. Individual feed and maintenance costs, and costs of transportation from central assembly points will be assumed by the association and deducted from the eventual auction sale.

A show will be held on the day prior to the sale. Bulls will be shown in groups of three and placed according to usual breed standards of conformation. They will be sold in groups of three, but the buyer will have the option to take fewer than three out of a group.

The Shorthorn Club and the Polled Shorthorn Society have contributed more than \$4,000 for cash premiums in the shows.

It is planned that approximately 90 to 120 bulls will comprise each project. Supervision of their grain-on-grass feeding program will be in the hands of the association.

At last year's sale, buyers and bidders came from 20 states to purchase or bid on the 100 head offered for sale. They sold for a total of \$51,040, the top ten averaging \$1,137. The champion bull

Mr. Commercial Rancher: WANT FASTER GAINS?

- Shorthorns—the cattle known throughout the entire beef-producing industry as weight producers at early ages, will help you by faster gains on your calves. Through the use of one of our good purebred bulls the average commercial herd can be "upgraded" with the first calf crop to a more profitable operation.
- To the breeders of registered Shorthorns—we would like to remind you that we are continuously improving our cattle with such great sires as Cantigny 145th. He is a top King sire and we are more than pleased with the calves of this great son of Edellyn Paragon Mercury that is out of Edellyn Augusta 22nd, the first daughter of Edellyn Royal Leader.
- Visitors are welcome at the farm. We like to show our cattle.

We are consigning 2 good red heifers and 3 top red bulls all by Cantigny 145th to the Southwest Oklahoma Shorthorn Breeders Association Sale at Hobart, Okla., April 4.

JOE KING CLINTON, OKLAHOMA

Farm located 4 miles east of Clinton on Hwy. 66

LIVESTOCK, LIVESTOCK INSURANCE - RANCHES, RANCH LOANS

Buy and Sell Registered and Commercial Cattle, Specializing in Herd and Range Bulls, Quality Females. Sell Ranches and Make Ranch Loans.

Handle Insurance on Valuable Livestock against Death from Any Cause, representing Lloyd's through Harding & Harding.

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Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952

brought \$1,500. Big gains were recorded for the bulls off their grass and short grain ration (ten pounds daily)—an average of two pounds gain per day. The project, the first program of its kind ever held in this country, attracted wide interest in the cattle industry.

New Shorthorn President Widely Known in Livestock Circles

CHARLES J. LYNN, of Indianapolis, Ind., new president of the American Shorthorn Breeders' Association, is widely known in livestock circles for his Lynnwood Farm herd of Polled Shorthorn cattle, Percheron draft horses and Berkshire hogs in Carmel, Ind. Lynn is in his second term as director and was vice-president the past year.

He is perhaps best known for his generous interest in livestock improvement. In this connection he gave his Lynnwood properties to Purdue University. This university-operated enterprise has won national acclaim for its work and achievement in research and experiments in livestock.

He is a trustee of Purdue University and vice-president of the Purdue Research Foundation, Lafayette.

A native of Indianapolis, he early became interested in the drug business. He



Charles J. Lynn

became associated with Eli Lilly & Co. of Indianapolis, and served in important capacities in this firm through the years, becoming vice-president in 1932. He retired from active service with this company in 1940. He was three years president of the American Drug Manufacturers' Association. He served in World War I as associate chief, Medical Industries Section of the War Industries Board.

He has been an active member or office holder in scores of civic, educational, professional or charitable groups. He was president of the board of trustees of Hanover College, Hanover, Ind., and is a member of the board of directors of the Indiana Horse and Mule Breeders' Association.

King Merritt Again Heads Quarter Horse Breeders

KING MERRITT, Federal, Wyo., was re-elected president of the Rocky Mountain Quarter Horse Association at a meeting of the board of directors in Denver January 23. Bill Rhoades, Kit Carson, Colo., was re-elected vice-president and John Mariani, Greeley, was renamed secretary.

The race committee is composed of Jack Casement, West Plains, Colo.; King Merritt, and Bob Denhardt, Colorado Springs, Colo.

The following comprise the show and performance committee: Hyde Merritt, Federal, Wyo., Jack Blasingame and John Mariani.

Thank you for the most wonderful magazine, The Cattleman.—Gene Hammit, Hale Center, Texas.

*There is no death. The stars go down
To rise on some other shore.
And bright in Heaven's jeweled crown
They shine forevermore.*

J. L. McCreery

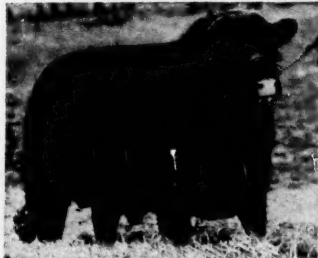
R. E. Baird

R. E. Baird, pioneer rancher and cattleman of Randall County, Texas, was found dead at his home in Canyon December 23 apparently the victim of a heart attack. He was 91 years old. He came to the T-Anchor Ranch in 1883 as a youth from Wise County. The ranch at that time covered most of Deaf Smith County and all but a small part of Randall County. In 1897 Baird homesteaded four sections on the Tierra Blanca creek and operated actively until 1940 when he sold out and moved to town. Baird, who never married, is survived by two nieces, Mrs. C. R. Fleisher, Canyon, and Mrs. Charlie Stephenson, Amarillo; daughters of a brother, Will C. Baird, who joined him at the T-Anchor in 1884. Will Baird died in 1925.

Arthur Brice Burnett

Arthur Brice "Chink" Burnett, rancher and oil man of Moore County, Texas, died December 20 at his home at Dumas at the age of 46. Burnett came to Moore County from Memphis in 1918 with his parents, the late Mr. and Mrs. O. B. Burnett. At one time he operated a farm implement agency in Dumas but in recent years he had devoted his time to farm

a herd of CHAMPIONSHIP breeding in



ALPINE RODNEY 2nd x

ALPINE RODNEY 2d x, the son of Collynie Advocate that heads our herd. Grand champion bull at the 1950 Iowa, Illinois, and Missouri State Fairs. Reserve champion and high selling bull at the 1951 Polled Shorthorn Congress show and sale.

POLLED SHORTHORNS

PRODUCING BULLS AND REPLACEMENT FEMALES FOR THE REGISTERED BREEDER.

Nothing for sale at this time, but we have several good prospective herd sires and range bulls coming on that will be for sale at a later date.



NONPAREIL OF OAKWOOD x

NONPAREIL OF OAKWOOD x, by Commander-in-Chief x, a heifer of remarkable inheritance. She was purchased in the May, 1951, Oakwood sale at \$1,350. She is typical of the quality of our foundation females. We know she looks good in Texas.

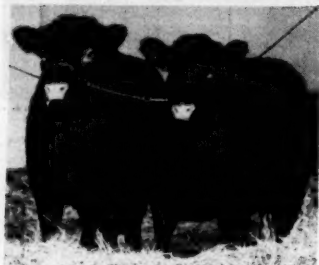
BERT FIELDS ★ DALLAS, TEXAS

301 EMPLOYERS INSURANCE BUILDING

THIEMAN'S

POLLED

SHORTHORNS



Both 1950 International
Grand Champions!

In business for over 50 years. During the past 15 International Live Stock Shows, Thiemans have exhibited 14 International Champions!

FOR SALE: BULLS and FEMALES

CONCORDIA, MISSOURI



Hughes Mercury 6th, half brother to our
herd sire, Hughes Mercury Leader

• Our ranch is producing the beef breed known for faster gains at earlier ages—Shorthorns. We are using top seed stock in both bulls and females. The results of our matings have been a harvest of excellent herd bull prospects, top foundation females and range bulls with the type, quality and ruggedness to go into many registered herds.

• To the commercial rancher and the registered breeder we issue an invitation to visit us at any time. We have good cattle to show you.

• We are consigning to the Oklahoma City Shorthorn Sale, March 20. Two bulls and one heifer by Golden Oak Topman. All are dark red and they are thick, deep bodied, and rugged with exceptional high quality.

F. W. HUGHES
KINGFISHER, OKLA.

SHORTHORN BULLS . . .

for CROSSBREEDING

We have 15 red bulls—9 to 18 months old.
5 roan bulls.

HF

Hallwood Farms - J. A. Collier & Son, Fletcher, Okla.

RANCH

Amortized 39 Years



LOANS

Any-Day Prepayment Option

Reserve Safety Feature

E. B. CHANDLER & CO.

Loan Correspondents, Aetna Life Insurance Company

FRANK STEEN, Ranch Loan Supervisor, 106 E. Crockett St., San Antonio, Texas

LOCAL REPRESENTATIVES

Alpine	Alfred E. Creigh, Jr.	Marfa	H. A. Coffield	Sanderson	John T. Williams
Brady	Otto Frederick	Mason	Milton E. Loeffler	San Angelo	Bob Hardin
Del Rio	Grady Lowrey	Ozona	Houston S. Smith	Uvalde	W. F. Hare

and ranch interests. He owned ten sections of land in Moore County, including a part of the former Coon Ranch properties. He is survived by his wife and six brothers and sisters, George, Wilse W. and Lucian Burnett and Mrs. Sally McMurray, all of Dumas; Jim Burnett, Lamar, Colo., and Mrs. E. A. Thomas, Amarillo.

Edward Leon Morris

Edward Leon Morris, cattleman and rancher of Chromo, Colo., and formerly of Amarillo, was killed in a motor car accident December 31 when a pick-up truck in which he was en route from his home to Amarillo to visit relatives overturned on a sharp curve approaching an underpass near Bushland. Morris had been engaged in the cattle business near Amarillo for many years and had moved to Chromo only about a year ago. Surviving relatives include a son, Edward Leon Morris, Jr., Amarillo; his parents, Mr. and Mrs. Samuel Morris, Claude; two brothers, Jack Morris, Chicago, and John Morris, Fort Worth; four sisters, Mrs. Carl Frantz, Amarillo, Mrs. Benny Carr, Claude, Mrs. Bob Hartman, Victoria, Texas, and Mrs. David Roberts, Washington, D. C.; a half-sister, Mrs. Helen King, Chromo; and a half-brother, Winston Carter, Amarillo.

Marvin C. Ulmer

Marvin C. Ulmer, Midland, Texas, banker, rancher, oil man and civic leader, died January 5 apparently the victim of a heart attack. He was 65 years old. Ulmer, who was interested in oil, ranching, farming and general business, was known as Midland's "No. 1 civic leader." He was a past president of the West Texas Chamber of Commerce, a member of the executive council of the American Bankers Association and a past president of the Texas Bankers Association. He started in as a bookkeeper for the First National Bank in 1905 and became an executive officer in 1925. He had been president of the bank since 1943. He is survived by his wife; two daughters, Mrs. Hugh Corrigan III, Vera Beach, Fla., and Mrs. Barron Kidd, Dallas; three grandchildren; and a brother, Charles Ulmer, Midland.

Col. Zack T. Miller

Col. Zack T. Miller, early day Oklahoma rancher, cattleman and rodeo promoter, died at a hospital in Waco, Texas, January 3 at the age of 74. Colonel Miller and his brothers, Joe L. and George L., at one time owned the famed 101 Ranch near Ponca City, Okla., where the brothers started the Wild West show that eventually toured the world. Before the ranch became involved in litigation it comprised 110,000 acres. Adverse business conditions and declining cattle prices caused Miller to abandon his Wild West show in 1931 and the ranch went into receivership. His body was buried on Cowboy Hill on the 101 Ranch. Survivors include a son Zack, Jr., of Ponca City, and a daughter, Mrs. Jim Gibbs, Valley Mills, Texas.

Raymond E. Sallee

Raymond E. Sallee, lumber manufacturer and Aberdeen-Angus breeder of Pcoahontas, Ark., died December 29 of a heart ailment. He was 66 years old. Sallee was the owner of Rockwood Angus Farm and was a past president of the Arkansas Angus Breeders Association. He owned extensive land holdings in Arkansas. Survivors include his wife,

Mrs. Maud Sallee; a daughter, Mrs. J. R. Jackson of Pocahontas; his son-in-law, J. R. Jackson, a partner in Rockwood farm; three grandchildren, Raymond, Sue and John Jackson. His brother, Robert Sallee, is a partner in Sallee Bros. Another brother, Oscar, lives at Bentonville, Ark., and his sister, Mrs. W. B. Grant, lives in Detroit, Mich.

M. Luther Steele

M. Luther Steele, vice president of the Interstate National Bank, Kansas City, Mo., and for many years southwestern loan representative for the bank, died recently at his home in Hereford, Texas, at the age of 76. He had been associated with the livestock financing business for about 40 years and was widely known throughout the southwestern states. He is survived by a son, Sam Steele, a rancher in New Mexico.

Manuel Schuchart

Manuel Schuchart, Polled Hereford breeder of Medina County, Texas, died December 11. Schuchart had been in the cattle business practically all of his life and operated the M. Schuchart & Sons Polled Hereford Ranch in partnership with his two sons. Survivors include his widow; two sons, Ernest and Lloyd; a daughter, Mrs. Hazel Rumpel, and four grandchildren.

Jesse Lee Garland

Jesse Lee Garland, rancher and stockman, died January 2 at the home of a brother, Grover C. Garland at Grafrod, Texas. He was 69 years old. Garland was a native of Palo Pinto County. Other survivors include five brothers, Will L. of Fort Worth, Ross R. of Mineral

Wells, C. M. of Notrees and O. L. and Carter Garland of Iraan; and a sister, Mrs. Onus Dick of Olden, Texas.

James J. Hubbard

James J. Hubbard, pioneer West Texas rancher who came to Ballinger in 1886, died December 25 at his home near Robert Lee at the age of 87. He was a long time rancher in Runnels and Glasscock Counties.

Fred Kennedy

Fred Kennedy, rancher and cattle dealer of Graham, Texas, died in a Fort Worth hospital December 26 after undergoing brain surgery. He was 52 years old. Kennedy and Charles L. Davis established the Graham stockyards several years ago and held interest in it until about a year ago. He operated ranches in Young and Stephens Counties. Survivors include his wife; a son, Gary Fred Kennedy; his father, M. O. Kennedy of Ivan; a sister, Mrs. Ellen Cox, Ivan; and three brothers, Claude of Wichita Falls, Lee of Oklahoma City and Lon Kennedy of Ivan.

P. W. Reynolds

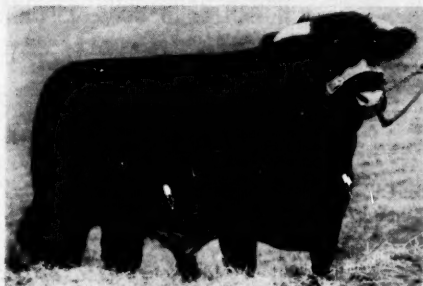
Phin W. Reynolds, last of the original stockholders of the Reynolds Cattle Company of Albany and Fort Worth, died at his home in Albany January 1 at the age of 94. Reynolds was born in Shelby County in 1857 and had lived in Albany 61 years. At the age of two his family moved to Stephens County near Breckenridge and a few years later the family moved to the Stone Ranch in Throckmorton County. It was here that his brother, the late George T. Reynolds, was seriously wounded in a battle with Indians.

After the Indians had driven 500 cattle off the range the Reynolds decided to move to Fort Griffin. They ranched in Southeastern Colorado in 1872-1873 and then returned to the Clear Fork of the Brazos where the Reynolds and Matthews families formed a partnership in cattle and lands. In 1885 the Reynolds brothers formed the Reynolds Cattle Company. Phin Reynolds retired from active ranching in 1921. He is survived by four sons, Ben G. of Albany, DeWitt C. of Las Vegas, N. M., Staff Sgt. James J. with the U. S. Forces in Germany, and Edwin E. Reynolds of Las Cruces, N. M.; two daughters, Mrs. George Finley Bishop of Temple and Mrs. Saul Harberg of Taos, N. M.; 15 grandchildren and 22 great-grandchildren.

Mrs. Mary Elizabeth Bivins

Mrs. Mary Elizabeth Bivins, widow of the late Lee Bivins, who at the time of his death in 1929 was one of the largest cattle operators in the world, died at her home in Amarillo December 31 at the age of 89. Mrs. Bivins, who had been in failing health for the past year, was widely known for her acts of benevolence. Year after year she sparked the annual sales of boys' livestock in the 4-H and FFA auctions at the Amarillo Fat Stock show, so that the boys would receive a premium for their livestock. Her acts of munificence include churches, chapels and a home for elderly Texas people. Many individuals and organizations also shared her charities. The Bivins family came to Texas from Bedford, Ind., in 1854. One of the boys of the family was Oliver Cromwell Bivins, who became the father of Lee Bivins, the man who was destined to build a cattle empire. Mrs. Bivins was the daughter of

HE IS A TEXAN NOW



LEVELDALE COUNSEL

Sire: Imported Gassling Research
Dam: Imported Bella Charity

Purchased from L. E. Mathers & Son, who state "a remarkable bull, he has probably the most weight for age of any bull we have bred since Dreadnaught Clansman and coupled with it he has a grand head, straight lines, tremendous depth and a fine set of rugged legs." He was first in his class at Wisconsin, Ohio, Indiana, Kentucky and Omaha Shows.

He joins our Fen-Marr Shorthorn herd.

FEN-MARR SHORTHORN HERD

Owners: Mr. and Mrs. C. W. Fenstermaker, San Antonio, Texas

SHORTHORN BULL CALVES FOR SALE

We now have for sale a number of top Shorthorn bull calves. They are from our herd of 125 breeding females and the past two years we have used two outstanding sons of the Canadian-bred bull Killlearn Max 104th that has done such good work for Tomson Brothers of Wakarusa, Kansas. Our new bull, Upright Royal Prince, is the best bull we have ever owned and is an outstanding bull of the breed. He is a grandson of the \$63,000 Pittodrie Upright.

Our entire herd and therefore the bull calves we are offering for sale are raised under ordinary range conditions—making ideal, top cattle for the Southwestern range man.

Visitors Welcome

V. E. De Geer & Son

LAKE CITY, KANSAS

Mr. and Mrs. Miles Green Gilbert, Jr., who were neighbors of the Bivins and Lee and Mary Elizabeth were childhood sweethearts. They were married in 1882 in Farmington, Mo., and came to the Texas Panhandle in 1890. Their first ranch was south of Claude. The vast Bivins holdings at present include the LX ranch north of Amarillo, the LIT near Tascosa, the Coldwater ranch in the north central Panhandle, a part of the old XIT ranch at Channing and part of the old 69 ranch near Portales, N.M. They are operated by the third generation. The Bivins had two daughters and two sons. The two daughters died when they were quite young. The sons, Julian L. "Jude" and Miles G. Bivins became prominent cattlemen in their own rights. "Jude" was killed May 23, 1940, in an airplane accident that also took the life of his son, Billy. Miles died May 17, 1949. Grandchildren of Mrs. Bivins are Lee T. Bivins and Mrs. J. N. Childers, children of Miles Bivins and Mrs. J. Ernest Batson and Oliver Bivins, children of "Jude" Bivins. Seven great grandchildren also survive.

Mrs. Belle Scott Brown

Mrs. Belle Scott Brown, widow of the late R. H. Brown and member of a pioneer Texas family, died in Fort Worth January 10. Mrs. Brown was born on a plantation near Hearne, Texas, December 31, 1871, and had lived in Calvert, Sherman and Waco, moving to Fort Worth in 1903. For many years she was active in civic and church work in Fort Worth. She is survived by two daughters, Mrs. James R. Record, Fort Worth, and Mrs. E. T. Morris, Austin; a son, R. A. Brown, Throckmorton; a sister, Miss Cora Terry of Dallas; a brother,

J. W. Terry of Navasota, and six grandchildren, Charles E. Clowe Jr. of Ardmore, Robert Brown Morris of Austin, James Record Clowe of Ardmore, E. T. Morris Jr. of Austin, Mrs. Ward Merck Jr. of Ardmore and Rob Brown of Throckmorton.

Mrs. J. M. Rickels

Mrs. J. M. Rickels, widow of a well known Texas cattleman, died December 31 at the age of 74. Survivors are two sons, Alvin of Dupree, S. D., and Jewel Rickels of Raton, N. M.; three daughters, Mrs. Carl Spain of Woodson, Mrs. Lewis Ham of Roff, Okla., and Mrs. Wilson Ray of Bridgeport; a brother, J. W. Stone of Ivan; a sister, Mrs. Donnie Strope of Pampa, 15 grandchildren and 12 great-grandchildren.

Gaylord J. Stone

Gaylord J. Stone, founder of Universal Mills, died January 16 on a train near Douglas, Ariz., while en route to Phoenix for his health. Stone came to Texas in 1920 to establish a feed mill at Waxahachie, which was destroyed by fire a year later. In 1922 he came to Fort Worth and founded Universal Mills and had headed the firm since that time. He is survived by his wife, the former Miss Hattie Harrison; three daughters, Mrs. W. D. Waltman Jr., Mrs. George Wolff III and Mrs. Lore; six grandchildren, Kitz, Bill and Jan Waltman, George Gaylord Wolff and Harriett Wolff and Melinda Lore, all of Fort Worth; two brothers, H. G. Stone of Kingsport, Tenn., and W. C. Stone of Rural Retreat, Va.; and six sisters, Mrs. E. W. Early and Mrs. W. W. Huffard of Kingsport, Mrs. V. J. Hill of Columbia, S. C., Mrs. J. W.

Mitchell of Silver Springs, Md., Mrs. Hugh Norton of Knoxville, Tenn., and Mrs. S. J. Williams of Wytheville, Va.

Mrs. J. W. O'Bryan

Mrs. J. W. O'Bryan, pioneer of Rankin, Texas, was burned fatally in an accident recently when she tripped over a portable oil heater and the flames ignited her clothes. Mrs. O'Bryan and her late husband came to the Pecos country in 1893, and had lived in Rankin since the town was settled. She is survived by a daughter, Mrs. George Weir, Hobbs, N. M.; three grandsons, Ralph and Johnny O'Bryan of Big Lake and Jimmy Weir of Hobbs; six great grandchildren; and a sister, Mrs. Nelia Porter, Falfurrias, Texas. She was 92 years old.

Eugene V. Long, Sr.

Eugene V. Long, Sr., retired Houston rancher and cattleman, died January 18 following an illness of several years. Long went into the cattle business in 1907 and until he retired in 1933 owned a large ranch near Fauna. He had lived in Houston since he was a child. His wife died about seven months ago.

A. W. Lucas

A. W. Lucas, nationally recognized livestock marketing authority and executive vice president of the Oklahoma Livestock Marketing Association, died January 8 at the age of 67. Lucas suffered a heart attack while visiting his son on his ranch near Ringling, Okla., February 19, 1951, and had been in ill health ever since. He was born in Illinois, educated as a lawyer at Kansas State College, became a banker at Skiatook, Okla., and came to Oklahoma City in 1931 to head

SHORTHORN BULLS

- ★ For Registered Breeders
- ★ For Commercial Ranchers



• We invite commercial ranchers to visit our herd and look over our great brood cows. Our herd is headed by Edellyn Royal Leader 118th, a whole of a good bull. We are also featuring the breeding of Prince Peter Stamina by Prince Peter.

• We are offering a good, dark Red Bull and two top heifers bred to Edellyn Royal Leader 118th at the Shorthorn Sale in Oklahoma City, March 20.

• We will also sell a son of Prince Peter Stamina and a good Augusta heifer bred to the "118th" in the Hobart, Oklahoma, Sale April 4.

H. BLASINGAME DUKE, OKLA.

Farm located 3 miles north and 3 miles west of Duke

Texas and Southwestern Cattle Raisers Association Seventy-Fifth Annual Convention

Fort Worth, March 17-19, 1952

Those desiring to secure hotel reservations are urged to write the hotel of their choice or to Chairman of the Housing Committee, P. O. Box 1657, Fort Worth.

**YOU'LL HAVE A GOOD TIME AT
FORT WORTH**

SHORTHORNS

Thrive in the

LOWER RIO GRANDE VALLEY

They are unexcelled for cross-breeding.

Our Herd Sire

Ark Lea Upright 4th, is a grandson of the famous \$63,000.00 Pittodrie Upright (Imp.).

Registered Bulls for Sale

Conrad R. Roitsch
McALLEN, TEXAS

Registered SHORTHORNS

Herd Sires in service:

- ★ Grandview Upright
- ★ Mercury Aspiration

See our consignments to the Oklahoma City Sale March 20 and the Fort Cobb, Oklahoma, Sale April 5.

GRANDVIEW SHORTHORN RANCH

O. H. Deason & Son • Fort Cobb, Oklahoma

SHORTHORNS

That have superior range qualities. They will add milking ability, weight and beef conformation to your herd, too.

SCOFIELD RANCH
AUSTIN, TEXAS

J. DOSS MILLER
DE LEON, TEXAS



NEWLY AIR CONDITIONED
300 Rooms — Rates \$2 to \$5

G. W. Putnam, Mgr. — FORT WORTH

The brand is the cattleman's coat of arms. Is yours recorded?

the newly organized livestock marketing association. He is survived by his wife; a son, A. W. Lucas, Jr., of Ringling; a daughter, Mrs. Betty Morian, Houston; and four grandchildren.

David O. Montgomery

David O. Montgomery, cattleman of San Angelo, died January 11 following a brief illness at the age of 68. Montgomery had lived near San Angelo all of his life. Surviving are four sons, Howard of Fort Worth; Eldon with the Navy in Alameda, Calif.; David L. of San Antonio and Troy Montgomery of San Angelo; two daughters, Mrs. Otto Helweg and Mrs. J. C. Wojtek, both of San Angelo; 12 grandchildren and several brothers and sisters, including Joe Montgomery, Mrs. Jessie Hambrick, Mrs. J. W. Rainwater and Mrs. A. E. Wilkerson, all of Fort Worth.

Mrs. Ruby McConnell

Mrs. Ruby McConnell, 80, daughter of the first white child born in Palo Pinto County and member of an old time ranching family, died January 14. She was the widow of the late Judge W. E. McConnell who died in 1908. Survivors are four sons, Carroll, Hal and W. E. McConnell, of Fort Worth; Fred, of Houston; three daughters, Mrs. Gladys Mills and Mrs. Addie Myrtle Griffith, Fort Worth; and Mrs. Thirty Textia Harris, of Dallas; a sister, Mrs. Doll Watson of Palo Pinto; and four brothers, Sterling, Garve and Joe Taylor, of Palo Pinto; and Irving Taylor of Mineral Wells.

Jesse Floyd Haynes

Jesse Floyd Haynes, Chambers County cattleman, died in a Galveston hospital January 17 at the age of 55. He was a native of Chambers County and had made his home on the ranch near Anahuac. Survivors include his wife, Mrs. Effie Haynes; a son, J. F. Haynes, Jr., of Anahuac; two daughters, Mrs. Eddie Frugger of Galveston and Mrs. G. C. Mayes, Jr., of Wallisville; four brothers, W. T., A. H., Edgar and H. T. Haynes, all of Anahuac; and two sisters, Mrs. William Dobbs of Bryan and Mrs. Fred Kruger of Anahuac.

Pat M. Neff

Pat M. Neff, 28th governor of Texas and outstanding political and church leader, died of a heart attack in Waco January 20. He was 80 years old. Neff served two terms as governor, after which he was appointed to the National Board of Mediation by President Coolidge in 1927 and in 1929 he was appointed by Governor Moody of Texas to the state railroad commission. He became president of Baylor University in 1932 and retired in 1948. He was an ardent Baptist and at one time was vice president of the Anti-Saloon League of America. He is survived by his wife and two children, Mrs. Frank Wilcox, Waco, and Pat Neff, Jr., Houston.

William M. Graham

William M. Graham, pioneer who first came to Motley County, Texas, as a buffalo hunter in 1877, died in Matador December 19 at the age of 92. Graham ranched about 15 miles northeast of Matador from 1902 to 1915 and owned extensive property. He was active until two years ago when he broke his hip in a fall. He is survived by his widow; a son, Curtis Graham of Matador; a daughter, Mrs. Ben Edwards of Flomot; and six grandchildren.

Selling at Buffalo April 3

TWO BULLS

Bo Wood Royal Leader 6th, 2545244. Sire, Edilyn Royal Leader 35th; Dam, Nonpareil of Bo Wood 6th, sired by Command's Mastorgloss. Calved March 3, 1949. Bred by Bo Wood Farms, Clarksville, Mo. We have used this bull on our heifers and he will make someone a good bull. The reason we are selling this bull is because we cannot use him on young heifers.

Broadview Royal Leader 18th, 2650-493. Calved Jan. 18, 1951. Sire, Don Hill Royal Leader 2nd; Dam, Lady Broodhooks 18th, sired by Broadview Sultan.

TWO FEMALES

Lady Villager 28th, 2533480, born. Calved Nov. 24, 1948. Sire, Don Hill Royal Leader 2nd; Dam, Lady Villager 26th, sired by Edilyn Melody Mercury. This is a good typed cow bred to Bo Wood Royal Leader 6th.

Sultana 4th, 2628-212, red. Sire, Don Hill Royal Leader 2nd; Dam, Sultana 2nd, sired by Edilyn Melody Mercury. Calved Sept. 30, 1950. She is bred to Bo Wood Royal Leader 6th.

Broadview Farms Shorthorns

Elmer Ester & Son, Carrier, Oklahoma

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Theft Losses
Down!

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The only magazine in the world devoted exclusively to cowgirls. Published monthly, 12 issues, \$1.50.

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Keep trespassers away . . . Heavy, long-lasting metal sign, 7 inches by 10 inches, made of sturdy rust-proof metal. White enamel background with large black letters . . . No sharp edges to cut livestock . . . These signs will last for years. Only 50c ea. Ppd.

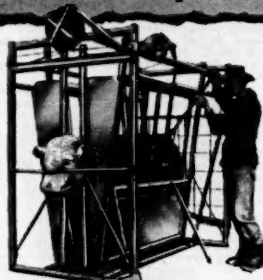
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Three other signs (same size) also available—"Posted—No Fishing" "Posted—No Hunting" "Keep Gates Closed"

MAIL THIS COUPON TODAY!

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 Gentlemen:
 Enclose find check or money order for \$_____. Please ship me _____ Metal
 (Amount) _____ (Quantity)
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Easiest to operate**



FARNAM One-Man STOCK CHUTE

Completely restrains any size animal with absolute safety for both animal and operator. No levers! No protruding mechanisms! One man easily catches, holds and treats animals without help. Chute is built strong enough for toughest range steer, yet light enough to be portable. More operating features than any other chute on the market today!

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BEST BUY**

Write for completely illustrated literature, our lowest prices, and "30-Day Trial Offer".

FARNAM EQUIPMENT COMPANY
Florence Station, Dept. 105, Omaha, Neb.

FOR SALE

62 choice 2-year-old commercial Hereford heifers, bred to Purebred Aberdeen-Angus bulls, to begin calving April 1. Large frame, big bone, all dehorned, uniform size and quality, well marked, growthy for age, and gentle. All are light colored. In pasture condition. Price \$300.00. Also 100 strictly choice dehorned Hereford heifer weaned calves, ideal for breeding this summer.

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Route 2, CANYON, TEXAS

PINETREL 1055 DEHYDRATED PINE TAR OIL



BLOW-FLY REPELLENT; ANIMAL WOUND DRESSING
Dehorning, Docking, Castrating, Wire Cuts, Wood Maggots, Grub in Head, Ear Sore, Smelly Nose, Soothing, Acid Free, Non-poisonous.
The Perfect Wound Dressing
SOLD UNDER POSITIVE MONEY-BACK GUARANTEE
SEE YOUR DEALER OR WRITE
AMERICAN TURPENTINE & TAR CO., New Orleans, La.

On the basis of five readers per issue The Cattleman is read by more than 150,000 ranch folk. Reach this market by advertising in The Cattleman.

Two New Breeds of Meat Type Hogs Developed

TWO new breeds of meat type hogs have been developed and admitted for registry by the Inbred Livestock Registry Association of St. Paul, Minn., the U. S. Department of Agriculture announces. One of these, the Beltsville No. 1, was developed in the Department's (Bureau of Animal Industry) experimental herd at the Agricultural Research Center, Beltsville, Md. The other, Maryland No. 1, was developed cooperatively by the Maryland Experiment Station and the Bureau of Animal Industry at Queenstown, Md. Both carry a large percentage of the blood of Danish Landrace hogs, a breed imported in 1934, primarily for experimental purposes.

The Beltsville No. 1 was developed from crosses made in 1934 and the breed traces to six Landrace sows, seven Landrace boars, and three Poland China boars. It carries approximately 75 per cent Landrace and 25 per cent Poland China blood and is about 35 per cent inbred. The color is black with white spots. The hog is intermediate in size and similar to the Landrace, with a long body, little arch of back, smooth sides, and less fat than most hogs. The hams are plump and well muscled to the hock, the bone rather small, and the ears drooping and rather large. When slaughtered, the five preferred trimmed cuts average 49.5 per cent of the live weight at slaughter. The five cuts are hams, loins, bacon, shoulder picnics and shoulder butts. Dressed weight is about 80 per cent of live weight. These percentages are about the same for the average market hog, but the two new breeds have a higher proportion of lean to fat.

The Maryland No. 1 line was established in 1941 and carries approximately 62 per cent Landrace and 38 per cent Berkshire blood. The ancestry traces to three Landrace boars, six Berkshire sows and one Berkshire boar, and is about 30 per cent inbred. Hogs of this new breed are black and white spotted and are intermediate in conformation between the Landrace and Berkshire. The back is slightly arched and of medium width. The head is moderately long and the ears erect or slightly drooping. The sides are long, deep, and smooth, and the hams well rounded and plump. When slaughtered, dressed weight of the Maryland No. 1 hogs is about 79 per cent and the five preferred trimmed cuts average about 50 per cent of the live weight.

The development of the Maryland No. 1 hogs is unusual in that all the land, equipment, breeding animals, and necessary funds were placed at the disposal of the cooperating agencies by a private organization. The work was all conducted at Blakeford Farms, Queenstown, Md.



PAY AS YOU RIDE

Buy your **SHIRLEY BROWN** custom-made SADDLE on time payment plan—Pay as little as 10% down, the balance in 12 monthly payments.



See this Cutting Horse Saddle and others in our booth at the San Antonio Livestock Exposition, February 15-24, 1952

Write for Credit Application and Illustrated Price List

Made on any style tree with or without Quarter Horse spread. These saddles are used by top steer ropers, calf ropers and ranchers who want the best.

Roughside out.....	\$170.00
All Latigo.....	\$180.00
Full hand-flowered stamped	\$205.00
Quilted seat.....	\$12.00 extra

Unconditionally Guaranteed

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This Sign
Up ...

MEMBER
TEXAS & SOUTHWESTERN
CATTLE RAISERS
POSTED

Keep
Thrift Losses
Down!

Aberdeen-Angus Sale at National Western

SUMMARY

83 bulls	\$145,650; avg.	\$1,755
38 females	\$7,125; avg.	\$187
121 head	\$152,775; avg.	\$1,510

NEW records were established in the Aberdeen-Angus sale held during the National Western Stock Show at Denver January 16. The 121 head offered in the sale brought \$152,745, an all-time record total for the National Western Angus sale, and the top bull at \$7,500 also set a new high mark. The offering was the largest ever and averages set new records.

The top bull, Waugaman Bell Boy, a son of the 1949 California State Fair champion, went to Arthur Ginter, Harlowton, Mont. Ginter also purchased a son of Angustora Bandolier from Waugoman Ranch for \$2,100.

Two bulls sold at \$6,000. Roy Ballhorn, Wataska, Alberta, Canada, took the champion sale bull, Harken's Bell Boy 92nd, consigned by Ackard Cattle Company, Denver; and Walter C. Ferguson & Sons, Cheyenne, Wyo., bought Encenter of Don Head 85th from Don Head Farms, Richmond Hills, Ontario, Canada. He was champion at the Canadian National Exposition and reserve senior champion at the Canadian Royal.

The top female was Pridemere of Hacienda, a young daughter of Eileenmere 500th, an International champion, consigned by Hacienda de Los Reyes, Selma, Calif. She sold for \$2,200 to R. T. and Mel Davis, Wheatridge, Colo.

In the group sale 114 Aberdeen-Angus bulls in pens of three and five brought \$103,495, averaging \$908. The champion pen of three bulls consigned by L. B. Pierce, Creston, Ill., sold for \$2,000 each to K Bar T Ranch, Meeker, Colo., and the champion pen of five bulls, consigned by Black Post Ranch, Kansas City, Mo., sold at \$1,700 to N. P. Powell, Tyler, Texas.

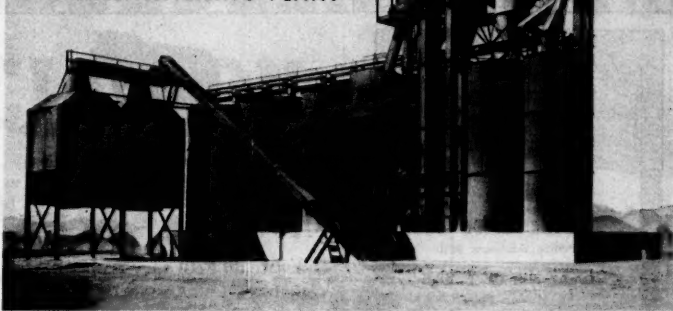
Dr. Oliver S. Willham President of Oklahoma A. & M.

DR. OLIVER S. WILLHAM was named president of Oklahoma A. & M. College at a meeting of the board of regents held in Stillwater January 17. Dr. Willham succeeded Dr. Henry G. Bennett who was killed in an airplane crash in Iran December 22. Dr. Willham has been vice-dean of agriculture at the school since 1939 and also has been executive vice-president since January 1, 1951. He is a graduate of Oklahoma A. & M. with a masters degree from Iowa State College and a Ph. D. degree in animal breeding genetics from the same school.

Dr. Willham was born on a farm near Clearwater, Kans. His father, the late George B. Willham was a cattle feeder, so as a boy he naturally took interest in livestock. He was reared near Randlett, Okla., and graduated from Oklahoma A. & M. in 1923 and went directly to the Panhandle A. & M. Staff at Goodwell. He joined the Stillwater Staff in 1934 as assistant professor of animal husbandry and since then has advanced to associate professor in 1937, to vice dean of agriculture in 1939 and finally to the executive vice-president post in 1951.

On the basis of five readers per issue The Cattleman is read by more than 150,000 ranch folk. Reach this market by advertising in The Cattleman.

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PUSH-BUTTON FEEDING YIELDS HIGHER PROFITS

You'll be proud of the results possible with a Williamson Feed Plant.

- ★ Fatter Beef — Average over 2 lbs. per day.
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ECONOMICAL
Pays for itself within a few years

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Push-Button controls for each operation

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Plants feed 500 head to 60,000 head or more

COMPACT
Forms its own streamlined building

LONG-LASTING
Some still operating after 30 years

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Every blanket guaranteed to be strictly hand-made from pure virgin wool. Single saddles about 30 x 30 \$7.00 — Doubles about 30 x 60 \$14.00, plus postage. Brightly colored stripes, no two alike.

J. B. STILES

Castle Butte Trading Post, Box 873, Winslow, Ariz.

TEXAS ABERDEEN-ANGUS ASSOCIATION SALE

MONDAY, FEB. 18

SAN ANTONIO



**SELLING 50 HEAD ★ 10 Bulls, 40 Females
FROM THE NATION'S TOP HERDS**

*These cattle are good enough to
interest our TOP breeders!*

Consignors:

Otto Beerwinkle	Moody, Texas	A. C. Chesher	Littlefield, Texas
Bonnett & Sons	Liberty Hill, Texas	Eclet Creek Ranch	San Antonio, Texas
Red Oak Farms	Rocky Comfort, Missouri	Essar Ranch	San Antonio, Texas
C. Rampy	Montgomery, Texas	Fishhook Ranch	Cisco, Texas
Eclet Creek Ranch	San Antonio, Texas	Grote Angus Ranch	Mason, Texas
Roland E. Evans	San Antonio, Texas	Hays Ranch	Kerrville, Texas
Grote Angus Ranch	Mason, Texas	Keillor Ranch	Austin, Texas
Payne Bros.	Pendleton, Texas	Luther McClung	Fort Worth, Texas
Jess Alford	Paris, Texas	C. A. Maedgen	Mathis, Texas
W. L. Beerwinkle & Son	Moody, Texas	Hal Owen	Yukon, Oklahoma
Otto Beerwinkle	Moody, Texas	W. A. Seidel & Sons	Knippa, Texas
Ray H. Boothe	Sweetwater, Texas	Simon Angus Farm	Madison, Kansas
W. E. Bredemeyer & Son	Winters, Texas	J. C. Tucker	Marble Falls, Texas

SALE STARTS 1:00 P. M.
RAY SIMS, Auctioneer
GEORGE KLEIER, The Cattleman

**Come Where the Sun Spends
the Winter!**

Write for Catalog
PAUL KEESEE, Sale Manager
Route 4, Box 176-A
San Antonio, Texas

TEXAS ABERDEEN-ANGUS ASSOCIATION

Jess B. Alford, Pres.
Paris, Texas

A. M. Wilkins, V. P.
Henderson, Texas

Tommie E. Stuart, Secy.
Cleburne, Texas

Bull Sells for \$60,000 at Angus Valley Farms Sale

SUMMARY		
29 Bulls	\$164,900; avg.	\$8,245
42 Females	235,500; avg.	5,616
62 Head	400,750; avg.	6,464

ABERDEEN-ANGUS breeders and enthusiasts from 26 states and three Canadian provinces filled the sale pavilion to overflowing January 22 for the Sixth Annual Production Sale at Angus Valley Farms, Tulsa, Okla. The get and service of the renowned Prince Sunbeam 105th and his great breeding son, Black Peer 28th of Angus Valley, was featured in the sale. The individuality and breeding of the animals offered were reflected in the average of \$6,464 on 62 head.

A new world's record price for Aberdeen-Angus bulls sold at auction was set on the first animal in the ring as Ralph L. Smith of Chillicothe, Mo., paid \$60,000 for Black Peer 79th of Angus Valley, a January, 1950, son of Prince Sunbeam 105th. J. V. Hampton, owner of Sondra-Lin Stock Farm, Fort Worth, Texas, was the contending bidder on this very typey grandson of Prince Sunbeam 29th.

The second top selling bull at \$25,000 was Black Knight 55th of A. V., a January, 1951, son of Black Peer 28th of Angus Valley. He was a double bred Black Prince of Sunbeam bull and sold to Robin Hood Farm, Bixby, Okla.

The only son of Prince Sunbeam 29th offered in the sale was Black King 100th of Angus Valley. This top two-year-old herd sire prospect went to Anderson and Tully, Yokena, Miss., on a bid of \$10,000.

The female top was scored on a Blackcap Bessie as Ralph L. Smith bid to

\$17,500 to get Blackcap Bessie 4th of Angus Valley, a May, 1950, show heifer by Prince Sunbeam 105th. Smith was definitely in the market for the good ones as he paid the second top female price of \$16,000 for Angus Valley Bonnie Queen 8th, a two-year-old member of the Queen Mother family by Black Peer 28th of Angus Valley.

Angus Valley Queen 17th, another top two-year-old Queen Mother by Black Peer 28th of Angus Valley, sold to Murchinson and Ljunghahl of Burnet, Texas, for \$11,250.

Auctioneers were Hamilton James, Ray Sims and Paul Good.

Aberdeen-Angus Transactions

M. C. Martin, Dallas, Texas, purchased five bulls from Charles R. Mathes, Arlington, Texas.

D. H. Fisher, Cushing, Okla., purchased five cows from J. B. Perky, Stillwater, Okla.

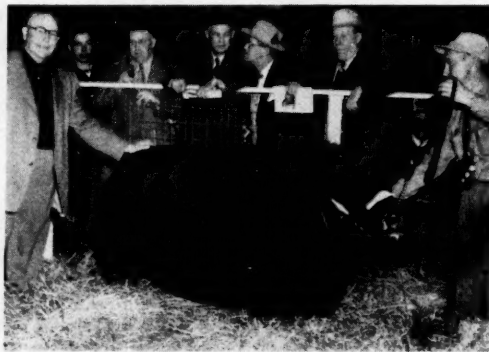
Joe Benton, Nocona, Texas, sold a bull to J. T. Biffle & Son, Myra, Texas, and a cow and a bull to L. R. Pack, Stephenville, Texas.

Silas Pack of Haskell, Okla., purchased four cows and a bull from J. V. Rockley, Boynton, Okla.

Four cows were sold to Alvin B. Chris-

WALKER SELLS ANGUS BULL FOR \$60,000

Jay P. Walker, left, owner of Angus Valley Farms, Tulsa, Okla., and president of the American Aberdeen-Angus Breeders' Association, Chicago, made a new auction record on January 22, when his Aberdeen-Angus bull, Black Peer 79th of Angus Valley, was purchased for \$60,000 by Ralph L. Smith of Chillicothe, Mo. This is the highest price ever paid for an Aberdeen-Angus bull in a public auction.



Announcing

OUR COMBINATION SALE OF TOP REGISTERED ABERDEEN-ANGUS CATTLE

APRIL 2nd -- SAN ANGELO, TEXAS

Sale will be held at the San Angelo Livestock Auction Barn. Offering:

70 FEMALES 75 HEAD 5 BULLS

The females include open heifers, bred heifers and bred cows representing the following families: Miss Burgess, Barbaras, Witch of Endors, Edwinas, Lucys, Black Caps and others.

Auctioneers: Walter Britten and Don Estes

For catalog write R. Blake Mackan, China, Texas

Riceland Farms, China, Texas
R. Blake Mackan, Owner



Lokwood Farms, Willis, Texas
Mrs. Lee Koen, Owner



ELEVENTH ANNUAL SALE

FEBRUARY 28, 1952

SHOW 9:00 A. M.—SALE 12:00 NOON

BUFFALO, OKLA. ★ 149 HEAD

FAIRGROUNDS, BUFFALO, OKLAHOMA

88 BULLS, 61 FEMALES**CONSIGNORS:**

Clyde Bradford.....	Happy, Texas	James C. Hunter.....	Waukomis, Okla.
Darrel Morris.....	Gray, Okla.	LaVerne Burris.....	May, Okla.
F. M. Scarlett.....	Harper, Kans.	Alvin Norquist.....	Abbeyville, Kans.
Bill R. Anderson.....	Ashland, Kans.	Edward Fischer.....	Optima, Okla.
W R S Angus Farms.....	Hutchinson, Kans.	Bryan D. Miller.....	Forgam, Okla.
Doyle Heft & Sons.....	Coldwater, Kans.	Lloyd W. Rhodes.....	Protection, Kans.
Don Hildebrand.....	Fowler, Kans.	L. O. Southern.....	Alva, Okla.
Gene Gates.....	Coldwater, Kans.	Henry H. Glenn.....	Newton, Kans.
Sunflower Angus Farms.....	Everest, Kans.	Verle Harger.....	Buffalo, Okla.
Cecil C. Crooks.....	May, Okla.	Raymond F. Georg.....	Rush Center, Kans.
Grandview Farms.....	Coldwater, Kans.	McCurry Bros.....	Sedgwick, Kans.
Bill Logsdon.....	Hitchland, Texas	C. T. Eubank & Son.....	Coates, Kans.
Lakeview Farms.....	Woodard, Okla.	Kenneth Arthur.....	Capron, Okla.
Oscar Winchester & Sons.....	Waukomis, Okla.	Pete & Nell Smith, Jr.....	Garden City, Kans.
Charles Custer.....	Logan, Okla.	Chester I. Bare & Son.....	Protection, Kans.
Marvin Ott.....	Kiowa, Kans.	Fischer's Wheatbowl Farm.....	Hooker, Okla.
Roy Barnes, Jr.....	Marshall, Okla.	Dunraven Ranch.....	Marble Falls, Texas
Arnold Ott.....	Cherokee, Okla.	Charles Price.....	Gray, Okla.
Ivan Gift.....	Gray, Okla.	Ivanhoe Angus Farms (G. E. Travis).....	Follett, Texas
Irwin A. Larkey.....	Enid, Okla.	Gillig Bros.....	Kiowa, Kans.
Fred Johnson & Son.....	Breckinridge, Okla.	Ernest Fischer.....	Guymon, Okla.
Harold Giess & Son.....	Arnold, Kans.	Ralph E. Baird.....	Woodard, Okla.
Clark Mathers.....	Miami, Texas	Lowland Farms.....	Fort Supply, Okla.
Truman Selzer.....	Protection, Kans.	Sanford E. Miller.....	Protection, Kans.

Sale headquarters: Del Royce Hotel, Buffalo, Okla.

Auctioneer: Ray Sims • Benny Scott for The Cattleman

Annual meeting and banquet Wednesday evening preceding sale at 7:30 at the fairgrounds. Write Bill Bland, Buffalo, Oklahoma, for reservations.

For Catalog Write to

DALE ENGLER, 2617 N. Waldron, Hutchinson, Kansas

Officers of the O K & T Angus Association

Chester Bare, Protection, Kans. President

Kenneth Arthur, Capron, Okla.....	Vice-President	Clyde Bradford, Happy, Texas.....	Director
Dale Engler, Hutchinson, Kans.....	Sec.-Treas.	Arley Hudson, Jr., Fort Supply, Okla.....	Director
George Travis, Follett, Texas.....	Director	Doyle Heft, Coldwater, Kans.....	Director

MATHESCharles R. Mathes, Owner
Harold Reynolds, Manager

Registered Aberdeen-Angus Cattle

**Stock Farm**

Located 2 Miles South of Arlington, Texas

Selling in the

NORTHEAST TEXAS ABERDEEN-ANGUS SALEat **SULPHUR SPRINGS, MARCH 14th****4 Bulls ★ 5 FEMALES****FOR SALE AT THE FARM**

Several good young range bulls, also a few young females for sale.

*Dunraven Ranch***Registered Aberdeen-Angus**

We try to keep enough young cattle on hand to supply the demand, but we can't always do this. Our young sale bulls and heifers are from mother cows that we are keeping in our herd. We are proud of them and know that they can do a good job for you.

Visitors Always Welcome

Ranch Located Off Highway 281 Between Marble Falls and Burnet

James C. Tucker & Son, Owners**Marble Falls, Texas**

We are building on a firm foundation with the blood of International Champions

Our herd sire is a thick, short-legged son of Eileenmere 487th, and is out of a double-bred Bandalier dam.

Farms located 3 and 6 miles west of Estelline on State Hwy. 86

C. A. RAPP & SON**ESTELLINE, TEXAS**
Phone 2631

All Progressive Ranchmen Read The Cattleman.

tian, Watonga, Okla., by E. E. Blandford, Covington, Okla.

M. M. Ringer, Edmond, Okla., sold two cows to Dennis Fox, also of Edmond, a bull each to Edward Bell, Yukon, Okla., and Ralph M. Armstrong, Oklahoma City, Okla., and a cow to Harry Estep, Yukon.

Silver Star Farms, Buda, Texas, sold four cows to B. H. Castle, Chandler, Ind.

E. C. Terrell, Mead, Okla., sold a bull and a cow each to Joe Denton, Bonham, Texas, and H. L. Hildinger, also of Bonham.

Roy Rogers of Goodlett, Texas, sold three cows to Jerry W. Phillips, Quanah, Texas, a bull to Harlan Gohston, also of Goodlett, and a cow to W. C. Lewis, Quanah.

W. K. Haynie, Durant, Okla., sold five bulls to Carlton W. Corbin, Ada, Okla.

Mrs. W. D. Harvey, Lucien, Okla., sold two cows and two bulls to Tom Carroll, Vinita, Okla., and a cow to Gene Kay, Big Cabin, Okla.

Keillor Ranch, Austin, Texas, sold two cows to Josephine Hailer, Austin, and two bulls to Grace Ramsey, Goliad, Texas.

Sunnybrook Farm, Sulphur Springs, Texas, sold two cows to Ed Enix, also of Sulphur Springs, and a bull and a cow to Pat Donovan, Dallas, Texas.

Emory L. Wright, Yantis, Texas, sold a bull each to Paul G. Tipping, Dr. Joseph Longino, and Gene Chamberlain, all of Sulphur Springs, Texas, and M. B. Nichols, Como, Texas.

J. M. Ashcroft, Stamford, Texas, sold two cows each to James R. Cromer, and Coy W. Ford, both of Lubbock, Texas, two bulls to L. E. Wilhite, Lueders, Texas, and a cow to Claude B. Martin, Lubbock.

J. M. Ashcroft, Stamford, Texas, sold three cows to L. E. Wilhite, Lueders, Texas, and a bull each to Dick Atkins, Breckenridge, Texas, and James R. Coats, Cisco, Texas.

Baker Brothers, Eastland, Texas, sold two bulls to C. B. Long, Gordon, Texas, and a bull each to Robert L. Cantwell, Ranger, Texas, and Blanche A. Miller, Cisco.

C. W. Chandler of Nocona, Texas, sold four bulls to R. C. Murphy of Ringling, Okla., and a cow to Austin F. Leach of Wichita Falls, Texas.

James C. Tucker, Meade, Kans., sold two bulls to Steinmetz Darragh, Marble Falls, Texas, and a bull to A. C. Hewgley, Lampasas, Texas.

Carlton W. Corbin of Ada, Okla., purchased six bulls from Raymond Pope-Jim Ray of Vinita, Okla.

Joe Benton of Nocona, Texas, sold four bulls to W. C. Embry of Saint Jo, Texas. Troth & Parish of Memphis, Mo., sold eight cows to Billie F. Brown of Jacksboro, Texas.



Orchard Hill Farms Angus Dissolution Sale

SUMMARY		
35 Bulls	\$ 48,500; avg.	\$1,386
109 Females	129,675; avg.	1,740
144 Head	238,175; avg.	1,654

THE Orchard Hill Farms Angus Dissolution Sale was held January 23 at Enid, Okla. Topping the bulls at \$5,700 was Prince Sunbeam 205th, a five-year-old son of Prince Sunbeam 29th that has been used in the Orchard Hill herd as one of the chief herd sires. W. P. Mouser, Berry, Okla., was the buyer of this full brother to the famous Prince Sunbeam 105th, owned by Angus Valley Farms.

Will Knight, Shreveport, La., paid \$4,000, the second top bull price, for Master of Orchard Hill, a February, 1950, son of Master Prince of Sunbeam.

Black Peer 25th of O. H., a June, 1950, son of Prince Sunbeam 205th, went to H. G. McQuarter, Springfield, Mo., on a bid of \$3,100.

The female top, and top price of the sale, of \$8,000 was paid by Murchinson and Ljungdahl, Burnet, Texas, for Blackcap Bessie of Essar, a May, 1949, daughter of the outstanding Orchard Hill herd sire, Prince Sunbeam 81st.

Angus Valley Farms, Tulsa, Okla., got Evermere T. 3rd, a five-year-old daughter of Eileenmere 85th, on a bid of \$6,000, the second top price of the sale.

Barbaramere T. 6th, a five-year-old daughter of Eileenmere 500th, went to Murchinson and Ljungdahl for \$5,600.

Auctioneers were Roy Johnston, Hamilton James, Ray Sims and Paul Good.

National Land Judging Contest at Oklahoma City May 1-2

A NATIONAL contest in land judging and appreciation, conducted along the lines of a livestock judging contest, will be held in Oklahoma City, May 1 and 2, with every state invited to send a 4-H team, an FFA team, and an adult team of judges.

The contest, first to be held on a national scale, is sponsored by an Oklahoma City radio station, the Oklahoma A. & M. College Extension Service, State Vocational Agriculture department, Soil Conservation Service, State Department of Agriculture and other agricultural agencies and groups.

Land judging schools have been held in Oklahoma for the past 11 years, and have proved a near sensation among both youth and adult farmers. The first such school was held in 1941 on the Red Plains Experiment Station at Guthrie, Oklahoma, but since that time has been widely used and adopted.

Sandy Saunders, WKY farm radio director in Oklahoma City, conceived the idea of holding the land judging schools on a national basis, and has received fine response from business men as well as agriculture workers. Awards will be provided in each of the three separate classes of judges, 4-H, FFA, and adult. Only one team in each division may enter from a county in each state.

He explains the new wrinkle in land judging as a method design which makes it easier for people to look at the land, tell what's the matter with it, learn how to treat it and keep the soil from washing away.

"The plan was patterned after the livestock people because they had a method of glamorizing the livestock business

Announcing the Annual

BLACK as a crow
... good as **GOLD**



SALE

Saturday, April 5th

ROBERT LEE, TEXAS

65 LOTS

5 Bulls - 60 Females

Select individuals from popular families and with top bloodlines, featuring the get and service of

Prince Sunbeam 334th

Prince Sunbeam 463d

Homeplace Eileenmere 999th-5th

Quality Prince 5th of Angus Valley

Write for Catalog

BLACK GOLD ANGUS FARMS

MR. & MRS. MARVIN SIMPSON, ROBERT LEE, TEXAS

HERD SIRES

RAONA'S PRINCE ERIC by Prince Eric of Sunbeam
PRINCE SUNBEAM 454th by Prince Sunbeam 29th

CARROCK ANGUS FARM

WENDELL HARRISON • MEMPHIS, TEXAS
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ANGUS SALE



OFFERING

100 HEAD
80 FEMALES ★ 20 BULLS

This is the place for breeders to buy good, young foundation cattle, not highly fitted, but in good pasture condition, ready to go to work. The offering is of much higher quality this year than it was last year.

Write:

Jimmy Myrick, Sale Manager, Sulphur Springs,
 Texas, for Catalog and Reservations

SELLING IN THE SECOND ANNUAL SALE at Sulphur Springs, Texas March 14

1 EDWINA ERICA COW, sired by Bar Rev. of Sunbeam 2nd. This cow has her first calf (heifer) at side, sired by Prince Sunbeam 315th, a son of the 29th. She is also bred back to this bull.

2 HEIFERS, two year old and bred to our chief herd sire Prince Sunbeam 315th.

5 OPEN HEIFERS, one year old. One sired by our junior herd sire, Burgess-Voy of Holly Grove, a grandson of the 29th. The other four are sired by Engelberg Trojan, and he by Evergreen Anoka.

2 BULLS almost two years of age. These bulls are in fine shape and ready to go to work for you. You will like their quality.

FESTERVAN'S ANGUS FARM

Located 4½ miles North East of New Boston, Texas, off Hwy 82
 ED FESTERVAN, Owner
 Texarkana, Texas
 PAUL BUCHANAN, Manager
 New Boston, Texas

through their judging contests and shows," says Edd Roberts, Extension soil conservationist, who has trained 36,000 people in land judging and land appreciation schools the past four years.

Briefly, the system calls for participants to judge four different fields, or pieces of land. They walk about it, examine the contour, top soil and slope. They judge the texture of the soil, which means the size of the soil particles and amount of clay in it. They pick up samples of the soil, and look at it for permeability of sub-soil, the toughness, or ability for air and water to filter in. They squat around a hole which has been spaded into the ground down through the top soil, and examine it for depth of the soil. This determines root penetration, the capacity of the soil to hold water and plant food, just as boys are taught to look for plenty of capacity in the barrel of a good dairy cow. They look at the amount of slope, determine how much erosion has occurred, the drainage condition of the soil and finally, determine the land class, or catalog it according to its capability.

All of these factors are sized up, the contestants make their decisions and check them on sheets of paper with multiple answers, and they are scored, much as a livestock judging team is scored. The highest scores determine the winners.

"We know they can't become soil scientists or specialists by attending this school or contest," says Roberts, "but it gives the participants an appreciation of the land, what should be done, and what can be done."

Saunders has issued an invitation to all county agents, vocational agriculture teachers, soil conservation workers, veterans' teachers and others to enter the contest, which will be featured on the National Farm and Home Hour broadcast May 3, immediately after the contest closes.

Land Titles

BOB MANUEL, real estate operator of Colorado City, Texas, provides us with some interesting information pertaining to the transfer of real estate in the early days and at the present time.

"When the King of Spain held sovereign rights in a vast western territory, anyone wanting to buy a certain tract of land would merely contact the King's emissary, who would take him by the hand and lead him on the land," Manuel writes. "They would throw a stone north, south, east and west, then pull up tufts of grass and throw them to the four winds and recite in unison, 'Long live the King.' A rather simple and direct way to acquire a land title, but even so some titles thus acquired have held to this day.

"This is in sharp contrast with the complicated and long-drawn-out procedure used in transferring real estate in this day and time. As we see it, some of our land laws are as obsolete as the New England blue laws wherein it was unlawful for a man to kiss his wife on Sunday.

"However, come to think of it, since we have always thought this New England blue law as being misinterpreted, perhaps its intent and purpose was to prevent some of the early day patriarchs from kissing some other man's wife on Sunday."

The brand is the cattleman's coat of arms. Is yours recorded?

Angus Heifer Brings \$35,100 at Sunbeam Farms Sale

SUMMARY			
20 Bulls	\$112,350; avg.		\$5,618
40 Females	197,955; avg.		4,949
60 Head	310,305; avg.		5,171

ABERDEEN-ANGUS breeders from all sections of the United States and from Canada who packed the sale pavilion at the Sunbeam Farms Annual Achievement Sale held January 21 at Miami, Okla., saw a new world's record price set for beef females sold at auction as Ralph L. Smith of Chillicothe, Mo., paid \$35,100 for Blackcap Bessie 6th of Sunbeam, a July, 1950, daughter of Prince Sunbeam 29th. In addition to being a member of the highly popular Blackcap Bessie family, this outstanding heifer was grand champion at the 1951 Tulsa State Fair and was first in her class at the recent International show in Chicago.

Ralph L. Smith also paid \$15,200, the second top female price of the sale, for Blackcap Judy 3rd of Sunbeam, a May, 1950, daughter of Prince Sunbeam 29th. This Judy Blackcap heifer is one of the top daughters of the "29th" and she sold bred to Prince Esquire of Sunbeam.

Elba S. 9th of Sunbeam, an October, 1950, daughter of Prince Sunbeam 29th, went to Hillside Farms, Washington, Mo., on a bid of \$12,200.

Essar Ranch, San Antonio, Texas, paid the top bull price of \$32,000 for Prince Sunbeam 558th, a three-year-old son of Prince Sunbeam 29th and a double bred Black Prince of Sunbeam bull. This outstanding herd bull prospect is exceptionally thick and deep in the quarter.

The second top selling bull was Prince Sunbeam 805th, an October, 1950, son of Prince Eric 4th of Sunbeam, he by Prince Sunbeam 29th. He went to Earl Arnolds, Spencer, Iowa, for \$12,500.

Prince Sunbeam 713th, a March, 1950, son of the "29th" and more than a three-quarters brother to the famous Prince Eric of Sunbeam went to the recently established herd of Murchinson and Ljungdahl, Burnet, Texas, for \$10,000.

Auctioneers were Hamilton James, Ray Sims and Paul Good.

ABBA to Issue Booklet

A BOOKLET that should prove valuable as a guide to Brahman breeders is now being prepared by the ABBA in Houston.

One of the purposes of the booklet is to inform Brahman breeders of the proper methods of requesting transfers and applying for registrations.

The ABBA's object in preparing this guide is to give Brahman breeders a readily available source of information as to proper procedure in these matters. Harry P. Gayden, executive secretary of the association, said. He pointed out that there have been cases when breeders have lost valuable time and have been put to unnecessary expense to transfer and register animals simply because they were not familiar with the process. The rules and suggestions contained in the booklet will eliminate such situations in the future.

The booklet will also explain the purposes of the association and the value and types of membership. It also gives requirements of identification of animals.

Gayden said that the guide will be completed about February 1. It will be available to members upon request through the Houston office.

FEBRUARY 27th EWT RANCH SEDALIA, MO.

We are selling—

- 2 outstanding sons of "487th"
- 1 son of Sunbeam 29th
- 13 other good bulls
- ★ 57 heifers and cows,

... some will have calves by side.

Georgina, Lucy, Zara, Blackcap Bessie, Blackcap Empress, Maid of

Bummer, Edwina, Erianna, Witch of Endor, and most other popular families.

We are also selling 30 head of fancy purebred Angus heifers.

For catalogues or reservations, contact

E. W. THOMPSON, Sedalia, Missouri

E. W. Thompson—Owners—Jesse L. Dowdy

Ray Sims and Roy Johnston, Auctioneers

See our consignment of 3 bred heifers at the San Antonio Sale February 18.



J BAR A FARMS

Elleenmere Center of The Southwest
Using Homeplace Elleenmere 45th
and Homeplace Elleenmere 96th
Both by Elleenmere 487th

DR. J. B. RENEAU, JR.
MUNDAY, TEXAS

Registered Aberdeen-Angus

Our herd sire: Prince Sunbeam 149
by Black Prince of Sunbeam
Visitors Welcome

Tinney's Angus Farm
DENTON, TEXAS

Your brand is your coat of arms, but it is of little use unless it is recorded.

The Calf Catcher for 1952

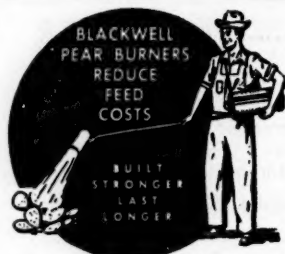
KEIRSEY Tilting Chute



(Pat. Nos. 2483909 & 2446769 and Pat. Pend)

- ★ Will handle wildest calves up to 350 lbs.
 - ★ Brand on either side.
 - ★ Swinging gate and leg spreader holds calf in position on table.
 - ★ Durable metal construction.
- \$185.00 PREPAID.**
Cash with order.
SATISFACTION GUARANTEED.
See nearest dealer or write

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CUNNINGHAM, KANSAS



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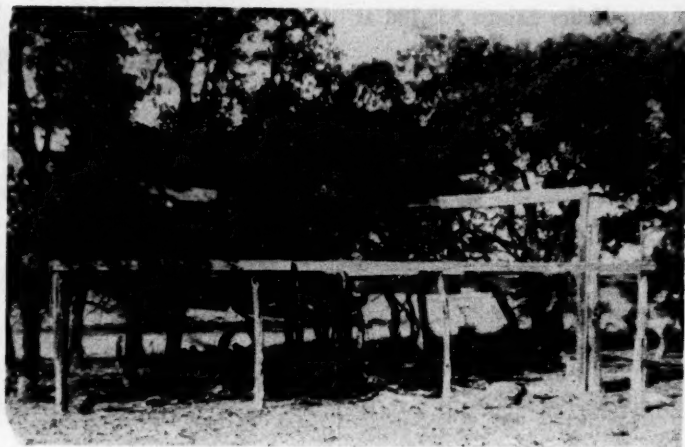
- PEAR BURNERS
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- STOCK TANK FLOATS
- BRANDING IRON HEATERS

Satisfaction Guaranteed

Write for Catalog

BLACKWELL BURNER CO.

P. O. Box 4426
SAN ANTONIO, TEXAS



A successful buzzard trap on the Jess Prideaux ranch in Burnet County, Texas. The V-shaped entrance to the trap is toward the camera.

The Ugly Scavenger

By ARCH ANDREWS

WHERE did that fool calf go anyway? I asked myself that question over and over as I rode along, ducking and pawing at the mesquite limbs that kept getting in front of me. It was a small, well-fenced pasture, yet the steer had suddenly disappeared. His mammy had raised him well, and I had big plans for every dollar he would bring when I sold him in a few days.

I rode on up a brushy draw, looking and listening with the constant hope that the next step my horse took I would get a glimpse of that crazy calf's fat "round steak department" as he ran off through the brush.

Whoa! My horse had snorted and jumped as we entered a small clearing. A turkey buzzard sailed off a dead mesquite snag and started grabbing at the air with his wings in such a business-like manner that he was soon out of sight. Not to be left behind, a second one took off from the ground, where after feasting on the eyes, that chef-d'oeuvre of all buzzard delicacies, he had been making a critical examination of the lifeless carcass of the calf I had been hunting. Apparently, not all the vulture's time in the air is spent in quest for a meal. In the spring of the year when there is plenty of wind to ride, I've seen them come shooting down a windswept draw just over the tops of the mesquites at such a great speed that they certainly must have had to give all their attention to flying, rather than prospecting for a meal.

An untold, uncountable number of searches for lost cattle, horses, and other stock . . . yes . . . and humans, too, have ended in much the same way as mine. Many a surprised cowpuncher has had to reach 'way out to grab leather and keep from being "let down" when his horse spooked at the sudden, silent take-off of a buzzard.

There's something weird about a black, shadowy buzzard as he flaps mutely away from the carcass of an animal . . . almost

like the spirit of the animal had been hovering about, suddenly become frightened and taken to flight.

The flight of the vulture is definitely his only claim to beauty. For sheer, easy gracefulness, there can surely be no equal. As he slides along effortlessly, doing a lazy, circling turn and breaking into a straight-away sprint that he eventually ends with a slow, buzzard-style pirouette, all the while on pinions as motionless and silent as the limbs of a dead pine, the vulture presents a picture of gliding perfection. There is such a masterful smoothness about his flying that he seems to be circling around suspended from the clouds by an invisible string. It is as if Mother Nature, in a moment of generosity and self rebuke, gifted the humble buzzard with a beautifully superlative power of flight in apology for giving him such a lowly berth in society. While fixing up his flying apparatus, she also dressed him in black and restricted his talent for noise-making to an unimpressive hiss, so that he might more aptly fill the role of a sad, silent undertaker.

Apparently, not all the vulture's time in the air is spent in quest for a meal. In the spring of the year when there is plenty of wind to ride, I've seen them come shooting down a windswept draw just over the tops of the mesquites at such a great speed that they certainly must have had to give all their attention to flying, rather than prospecting for a meal.

Ornithologists claim the vulture locates his quarry by sight, not his sense of smell. The towering heights at which he does his scouting should be proof enough of that. However, sighting a dead animal isn't the only thing that will bring a buzzard skidding down out of the skies to investigate. Just let him spot one of his kin flying with the faintest hint of urgency and he immediately invites himself to tag along, investigate, and maybe

join in the feast. Thus the news gets around remarkably fast—almost as rapidly as the ever-welcome tidings concerning the location of a beer keg at a cow-puncher's reunion.

Ranchers have always looked upon the beneficial deeds of the buzzard with a note of skepticism, saying he is a spreader of contagious livestock diseases, primarily by the pollution of drinking water. Occasionally, their suspicion is borne out in other ways as well, especially when an outbreak of "buzzarditis" manifests itself. A "buzzarditis" epidemic occurs when the buzzard population of an area becomes too excessive for the normal supply of carrion to support. When this happens, the vulture, even though he is greatly talented in the art of fasting for long periods of time, eventually decides that he will die himself if he keeps waiting for death to provide his bill of fare. So, goaded by a fierce and not-too-particular appetite, the vulture forgets his role of scavenger and becomes a vicious predator.

Such an occurrence as this was seen by Jess Prideaux, well known Archer County cow man, who, until recently, also ran a bunch of "woolies" in Burnet County, Texas.

Jess says he lost between 15 and 20 head of ewes and lambs in the fall and winter of 1949-50, due to buzzard depredations. Their favorite method of attack was to find a ewe in the act of lambing and swoop down on her and peck her eyes out before she could get on her feet. Helplessly blinded and filled with the natural desire of all sheep just to give up and die, the ewe would then be eaten alive by the hungry vultures, as would also any new-born lambs that might be conveniently near.

To combat this expensive nuisance, the ranchers in the buzzard infested area began to build traps and bait them with sheep carcasses, hoping to thin the vulture population back to a less expensive normal. The traps were large cages built on the ground and completely covered with small mesh chicken wire. They worked on the same principle as a fish trap, having a V-shaped indentation on one side, at the vertex of which was a small

hole for the buzzard to enter the trap.

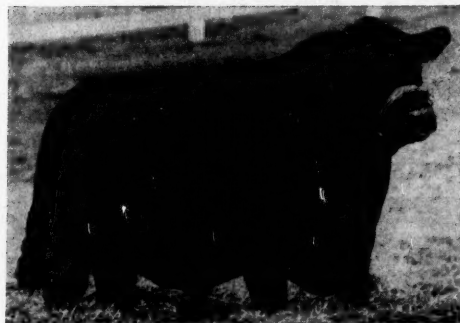
While sailing around, buzzards would spot the carcass in the trap and come down to investigate. They would walk around the trap until they came to the V, enter it, then pass through the small hole, which they promptly forgot and rarely ever found again.

In one area east of Lampasas, Jess claims that six traps, located on six different ranches, accounted for approxi-



Sheep killing buzzards. In jail and sentenced to die because of their expensive appetites.

Presenting Our Son of Prince Sunbeam 105th



BLACK PEER of LAKE VIEW

Prince Sunbeam 105th has been described as the "greatest breeding son of Prince Sunbeam 29th" and the record made by his get in the recent Angus Valley Sale certainly bears this statement out. Six of his sons sold for an average of \$12,800—all half brothers to our Black Peer of Lake View. Fifteen of his daughters brought a total of \$88,950—an average of \$5,930, and all are half sisters to our great herd bull. We have his first calves now and are proud to show them. Visitors are cordially invited.

FOR SALE

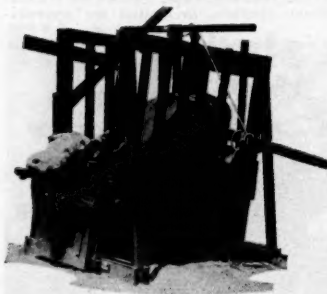
Herd sire prospects, range bulls and registered and commercial females of all ages. The registered cattle are of Sunbeam and Eileenmere breeding. All are in good flesh.

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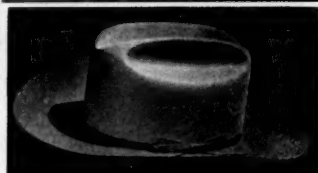
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mately 6,000 vultures in the fall and winter of 1948-49. In the fall and winter of 1949-50 his trap alone caught 300 buzzards in a period of about 60 days. No sheep were lost to raiding vultures during the following winter.

The captured buzzards were disposed of by shooting them in the head, piling them up, saturating the feathery heap with gasoline, and burning.

Fortunately, epidemics of "buzzarditis" are not a very common occurrence here in the Southwest, and the scavengers go about their business neither molesting nor being molested.

Contrary to an idea that many people have, F. M. Cowser, Director of Law Enforcement of the Texas Game and Fish Commission, states that there is no law protecting the buzzard in Texas.

In recent years the buzzard has had to tolerate with a new competitor in his not-too-crowded field. "Used cow dealers"—local rendering plants—have moved in and are beating him at his own game by doing a faster, more thorough and more sanitary job of removing the carcasses that occasionally clutter up a ranch. In some areas the used cow wagons are operating with such thoroughness and efficiency that there is really cause for alarm among the vulture tribe, but since the main trademark of his profession is a patient, easy-going attitude toward life, this new threat to his existence just naturally fails to fetch much show of concern from the vulture. 'Fact is, he's so easy to please that so long as he can get a free meal once in a while, a good stiff breeze to climb on and ride, and plenty of wide open space to prowl around in, he'll probably be mighty happy just to go right on being our most highly underpaid beneficial citizen.

Find enclosed \$5.00 for a three-year subscription for Rev. A. H. Bankert, Port Lavaca, Texas. He enjoys reading The Cattleman so much and doesn't see how he can get along without it. We feel that way about it, too. I have been reading The Cattleman since April, 1919, and it is always a welcome visitor to our home each month.—W. L. Traylor, Port Lavaca, Texas.

ANGUS HEIFER SETS WORLD RECORD AT \$35,100

A world record price was established in an Aberdeen-Angus auction sale at Sunbeam Farms, Miami, Okla., on January 21, when a heifer, Blackcap Bessie 6th of Sunbeam, sold for \$35,100 to Ralph L. Smith, Chillicothe, Mo. This is a record for a female of any beef breed. Right to left are George Cooper, manager, and Ralph L. Smith, owner of Ralph L. Smith Farms. Sam C. Fullerton of Sunbeam Farms, breeder of the Aberdeen-Angus female; and his farm manager, Phil W. Ljungdahl, Miami.



C. A. Burmeister Retires After 40 Years of USDA Service

CHARLES A. BURMEISTER, widely known livestock production and marketing expert, retired recently following more than 40 years of service in the U. S. Department of Agriculture.

Burmeister has been in livestock marketing research and livestock outlook work since their beginnings in the Department. He was the first chairman of the hog and livestock outlook committees when these committees were set up in 1923, and continued to head them until 1939. He pioneered in livestock price forecasting and outlook work. He has long been in demand as the annual speaker at many stockmen's association meetings.

Born in Tilden, Texas, in 1887, Burmeister spent his early days on a Texas ranch and received a Bachelor of Science degree from Texas A. and M. College in 1908. He was a Texas cattle rancher, a land surveyor, and for a year taught in the Brownwood (Texas) High School before joining the USDA in 1911 to take charge of dry-land agricultural research with the Bureau of Plant Industry at Dalhart, Texas.

Burmeister transferred to the Bureau of Markets and Rural Organization in 1915 because of his interest in farm management and economics. He was the first Department employee in livestock market reporting. In 1916, he helped to establish the Department's nation-wide market reporting service on livestock. During this period, he was editor of the Weekly Livestock and Meat Trade News issued by the Department.

Burmeister was also a pioneer in the use of radio to get current information on livestock to farmers. He took part in USDA nation-wide broadcasts every two or three weeks in the late 1920's and early 1930's analyzing the livestock situation.

Throughout his career, Burmeister has made detailed studies of livestock marketing practices, methods and costs as well as supply-demand relationships and many other economic analyses. One of his first studies, in 1915, was a survey of direct marketing from farmers to con-

sumers along the Eastern seaboard. Another of his works, "The Cost of Marketing Livestock," was prepared for the Federal Trade Commission in the early 1920's. During this same period, he made a study of the marketing problems of the livestock producers of Virginia. He also participated in a study on the direct marketing of hogs, completed in 1933. From 1939 to 1942, he did research work which showed the effect of consumer income on meat prices.

In 1942, Burmeister was with the War Production Board working on consumer meat supply problems. He returned to the Department in the War Food Administration early in 1943 and worked on livestock production goals and other wartime livestock production programs until the Production and Marketing Administration was organized in 1945. Since then he has been with the Livestock Branch of the Production and Marketing Administration continuing his work in the field of livestock marketing research.

Burmeister has long been active in the Agricultural Historical Society and is the present secretary-treasurer. He intends to spend more time on the work of this organization after his retirement. He also plans to continue writing on agricultural subjects, and may do a book on livestock economics.

Pierce Ranch to Sell Fullblood Brahman Bulls

FOR the first time in history, the Pierce Ranch will offer some select bulls from their fullblood Brahman herd for sale at private treaty. Sam T. Cutbirth, general manager, states that some nice two-year-old bulls of excellent quality are being made available. These bulls are strictly range raised, in good flesh and are gentle and most are halter broken.

The foundation animals for this herd were imported from India in 1906 by the Pierce Estate. During his lifetime, A. H. (Shanghai) Pierce, founder of the famed Pierce Estate, recognized the inherent qualities of Brahman (Zebu) cattle, and the advantages to be gained in crossing them with other breeds. Thus, the importing by the estate of these cattle direct from India was a fulfillment of his insight. This importation made history then and is still making history.

A total of 51 head reached the United States by boat and were landed off the coast of New Jersey, near New York, on June 14, 1906. They were placed under quarantine by the United States government and while there 18 were destroyed. Finally, an appeal was made to President Theodore Roosevelt who personally intervened and had a special order issued to release the remaining 33 head from quarantine. These 33 were shipped to the Pierce Estate at Pierce, Texas, where they were unloaded in November, 1906. Tom O'Connor of Victoria, Texas, who had put up part of the money covering the expense of obtaining and bringing over the cattle from India, later received 16 head, the Pierce Estate keeping 16 head, and A. P. Borden, then manager of the Pierce Estate, was given one bull. In August, 1911, the Pierce Estate bought all of the O'Connor fullblood female progeny. This purchase consisted of nine head—four cows with calves and one heifer. The old original bank draft and correspondence in connection with this deal between the Pierce Estate and the O'Connor Estate is still in the files of the Pierce Ranch office.

SELLING at SAN ANTONIO, FEB. 18

Selling a nice Erica heifer sired by Blackcap Barry of Wilton in the San Antonio Sale February 18.

This good heifer will be sold bred to Prince Oilfield of Ferndale, the 1951 San Antonio champion.

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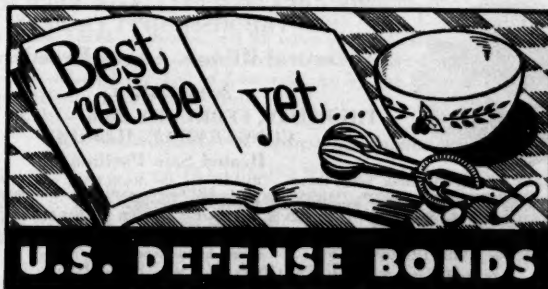
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★ We have Prince 45th of Essar working now and looking forward to seeing some of his calves. We know they will be good.

★ We are getting some outstanding calves from our chief, Prince 15th of Essar. A number of people have told us they are dandies and we are inclined to believe them.

We are proud to show you our cow herd

H. R. BURDEN RANCH

Registered Aberdeen-Angus Cattle

HARRY B. BURDEN
Manager

ARVEL L. BAKER
Herdsman

THANKS

Thanks to Julius Bruner, Fort Worth, for his purchase of 20 young foundation females. Mr. Bruner is a new Angus breeder and we extend to him our best wishes.

FOR SALE

- Two good herd sire prospects—grandsons of Ever Prince of Sunbeam.
- Also a few young range bulls for sale at the farm.

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THURSDAY, FEBRUARY 28th—12:30 P.M.
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BULLS that will PLEASE the PUREBRED BREEDER, for HERD IMPROVEMENT.

BULLS for the RANCHER, and COMMERCIAL BREEDER, that will SIRE MARKET-TOPPING STEERS. YOU WILL NOT BE DISAPPOINTED! ALL SELECTED from our 160 Member Herds. All will be ready for immediate shipment with proper health papers.

For catalogue write: SIMON E. LANTZ, Secy.-Mgr., Congerville, Ill.
Auctioneers: Johnston, "Ham" James, Viemont, Zobrist



From this importation, the Pierce Estate has during the years zealously and scrupulously continued to keep these pure blooded cattle separate so as to breed and develop a sizable herd of fullblood Brahman, the females of which number approximately 450 head at this time. Of these cows and heifers of all ages, there are about 100 excellent fullblood red females, descending from the famous red Gir (Gyr) bull, known as old Adam, included with the original imported group. The balance, consisting of about 350 outstanding fullblood females, are of the more numerous steel gray color and carry mostly Guzerat and Nellore breeding.

Up until now the Pierce Estate has followed a policy of never selling any of their fullblood cattle, although they have for years sold what were termed grade Brahman bulls for commercial herds. In addition to the fullblood bulls used with the AA registered cows, the surplus fullblood bulls have heretofore been retained to breed up their own large herd of grade commercial cattle. The bulls now offered not only carry the distinction of being recognized as 100 per cent fullblood Brahman breeding, but they are from the only 100 per cent fullblood Brahman herd on the North American continent descending from pure Bos Indicus cattle imported directly from India to the United States. Because of the justifiable pride and sentiment attached to the importation and development of this outstanding herd of pure blooded Brahman cattle, the owners of the Pierce Estate, most of whom are grandchildren and great-grandchildren of the late Shanghai Pierce, have not heretofore been willing to sell any of these cattle until the herd reached a considerable size. Consequently, it is now felt that a limited number of young bulls can be offered at the present time.

Cutbirth further stated that this decision by the Pierce Ranch, to sell some of these 100 per cent or AA bulls, represents a major change in policy with the hope that same will prove beneficial to individual breeders and the Brahman breed generally. Those familiar with these historic Pierce Estate Brahman believe that this offering will make available a source of new blood which can be infused into many herds to a very material advantage. The bulls are located on the Pierce Ranch, near Pierce (Wharton County), Texas, and may be seen at the Ranch headquarters.

Hess to Fuerst Stock Farm

Ralph Hess, Jr., manager of the McCormick Ranch, Phoenix, Ariz., recently resigned his position to become an active partner in Fuerst Stock Farm, one of the nation's outstanding Aberdeen-Angus breeding establishments owned and operated by Myron and Agnes Fuerst, Pine Plains, N. Y. Hess, a native of Verdun, Okla., has been active in livestock work ever since he joined the 4-H club as a boy of 10. He graduated from Oklahoma A. & M. College with a B. S. degree in animal husbandry and was on the college livestock judging team. While he was manager of the McCormick ranch he was elected president of the newly formed Arizona Aberdeen-Angus Association and Mrs. Hess was elected secretary. Ernest Craig, also a graduate of Oklahoma A. & M. and a native of Leedey, Okla., will become herdsman at Fuerst Stock Farm and Frank Eggleston will remain as foreman.

The brand is the cattleman's coat of arms. Is yours recorded?

Offer \$5,500 Prize if Polled Hereford Is Champion Steer

THE exhibitor of an outstanding Polled Hereford steer can become \$5,500 richer this year, if the steer is picked as Grand Champion in open competition at any one of four major livestock shows, and the rules set up by the American Polled Hereford Association are strictly observed.

The Association will award \$3,000, and the directors of the National Western Polled Hereford Association will add \$2,500 to the special prize to be handed to the first lucky exhibitor that walks off with top steer honors in open competition at one of these four specified shows.

It is believed that the \$5,500 is the largest amount offered at the present time by any breed association as a prize for a grand champion steer.

From the current success of Polled Herefords, this could very well be the year that a Polled Hereford steer will cop the grand championship at one of the designated major livestock exhibitions. Polled steers have given a good account in open Hereford competition at state and regional fairs in 1951. Grand champion steer of the Kansas State Fair was a Polled Hereford.

Here are the rules and conditions that must be observed by the exhibitor to become eligible for the \$5,500 award. (1) Must be adjudged grand champion steer at any one of the following livestock shows: American Royal Livestock Show, Kansas City, Mo.; International Livestock Exposition, Chicago, Ill.; National Western Stock Show, Denver, Colo.; Southwestern Exposition and Fat Stock Show, Fort Worth, Texas.

(2) Must be present unimpeachable evidence to the American Polled Hereford Association that the steer is naturally polled, and must be sired by, or out of an animal registered in the American Polled Hereford Association. Must show a preponderance of Polled Hereford characteristics, and if scurs are present, they must be attached to the skin only (loose), and cannot have been tampered with in any manner whatsoever.

(3) The exhibitor must notify the American Polled Hereford Association of his intention to show said steer at least 30 days prior to the show where he intends to be exhibited.

(4) The rulings of the American Polled Hereford Association on the qualifications of the said steer shall be final.

(5) This offer is effective until April 1, 1956.

U. S. Grain Stocks

STOCKS of 2,384,000,000 bushels of corn in all storage positions on January 1, 1952, are shown in reports assembled by the Bureau of Agricultural Economics. This total is about 9 per cent smaller than January 1 stocks in 1949 and 1951 and sharply less than the record 2,806,000,000 bushels on January 1, 1950, but is larger than in any of the other five years of comparable record. About 1,919,000,000 bushels of corn remained on farms, a quantity smaller than in eight of the past 10 years. The off-farm portion of 465,000,000 bushels is second largest of record, chiefly because of the 305,000,000 bushels owned and stored in their own bins by Commodity Credit Corporation. Stocks of 108,000,000 bushels

at interior mills, elevators and warehouses and 52,000,000 bushels at terminals are relatively large. From the October 1, 1951, supply of corn for grain of about 3,392,000,000 bushels, current stocks indicate disappearance to January 1 of 1,008,000,000 bushels, a quantity exceeded in the October-December quarter only in 1943, 1949 and 1950.

Oats stocks of 910,000,000 bushels on January 1 are larger than in four of the eight years of record and a little above the average of those years. The off-farm portion of 68,000,000 bushels has been exceeded on January 1 only in 1946. The 203,000,000 bushels of barley stocks are smaller than in four of the eight years of record and nearly equal the average of those years. Farm stocks of over 124,000,000 bushels and the off-farm portion

of 78,500,000 are each near the eight-year average.

Sorghum grain stocks of 149,000,000 bushels are second only to the 213,000,000 of a year ago, in the seven-year series of comparable data. The off-farm portion of 96,500,000 bushels also is second only to the 135,000,000 a year earlier. Much of this is in such unusual storages as airplane hangars and converted oil tank farms in the Southwest, although the number of the former type now available has decreased. Estimates of sorghum grain stocks are prepared as a project under the Research and Marketing Act of 1946.

Write for information about the Texas and Southwestern Cattle Raisers Association, Henry Bell, Sec'y, Fort Worth.

1st ANNUAL SALE JS ANGUS FARM TULSA OKLAHOMA ★ FEB. 23 1952

At the Fairgrounds, in heated Livestock Building

Featuring the get and service of
Prince 500th of Bates
by Prince Sunbeam 29th

★ Three Top Herd Bulls

Sons of Prince 500th of Bates, Black Peer 28th of AV, Revolution Prince 555th.

★ 55 Top Foundation Females

These females are from top families: Blackcap Bessie, Witch of Endor, Jilts, Maid of Bummer, Miss Burgess, McHenry Barbara, Ericas—and many others.

★ The offering is predominantly Sunbeam breeding

Cows with calves, bred cows, heavy springers, bred heifers, and a few top open heifers, all sired by top bulls. Eight heifers are by Prince 500th of Bates and 22 cows and 8 heifers are carrying his service. Seven cows and 3 heifers will be bred to our junior herd sire—Black Peer 3rd of Lewands, he by the Peer of Lake Albans, the Missouri University bull.

Ray Sims and Roy G. Johnston - Auctioneers

—FOR CATALOG WRITE—

JS ANGUS FARM

JOE E. STEED, 1335 East 37th, Tulsa, Oklahoma
THEO BURD, Herdsman, Route No. 1, Broken Arrow, Oklahoma

Brangus Association to Hold First National Sale

By JO HEIDEN,
American Brangus Breeders
Association

AS THE Association goes into its third year, we are glad to announce another "first." The Brangus Association will hold its first National Brangus sale at 2:00 p. m., Thursday, February 21, in conjunction with the San Antonio Livestock Exposition. This is the first consignment sale ever sponsored by an American breed association. For the third consecutive year, Brangus cattle will be judged in classes at the Exposition, with one-half the premium money to be paid by the San Antonio Livestock Exposition. There will be 79 top bulls and females from the outstanding herds in the country shown in the classification show, with 43 head of these animals being consigned to the National Brangus Sale.

We feel it is worthwhile to add to this that the Association is going into its third "successful" year. The membership roll has grown steadily and has now passed the 300 mark. During the past year approximately 7,500 head of cattle have been enrolled or registered, and 1,900 transfers of ownership have been executed through the office. These transfers include cattle to all parts of the United States and Canada.

Dale Carnegie of New York City, owner of the Dale Carnegie Farms of Harrisonville, Missouri, recently purchased 300 cows and 12 males to add to his herd. Carnegie is nationally known for his lectures and books on "How to Win Friends

and Influence People." He is a Brangus enthusiast and will be heard from more and more along this line.

Other breeders who have purchased Brangus cattle in recent months include: Guy E. Brown, Fayetteville, Arkansas; Jim Ray, Vinita, Oklahoma; E. H. Barksdale, Hatch, New Mexico; J. H. Standberry, Bowie, Arizona; Russell Gillett, Vinita, Oklahoma; T. B. Eubanks, Clifton Hills, Missouri; R. A. Evans, Koshkonong, Missouri; J. W. Arledge, Jr., Robert Lee, Texas; W. F. Friend, Vinita, Oklahoma; Sid Moller, Foraker, Oklahoma; J. H. Van Buren, O'Fallon, Illinois; Chas. C. Cannon, Lamesa, Texas; A. B. Dawson, Atlee, Alberta, Canada; Lacey McKenzie, Spavinaw, Oklahoma; L. N. Bell, Branson, Colorado; Clinton S. Ferris, Tiesiding, Wyoming; R. G. Hartry, Emo, Ontario, Canada; H. C. Wear, Branson, Colorado; R. B. Hobbs, Needville, Texas; and J. H. Badeaux, Colorado Springs, Colorado.

Three of the more recent heavy buyers of Brangus were: Frank B. Daniel, Orange, Virginia; Col. W. W. Sterling, N Cross Ranch, McFadden, Wyoming; and Gene Goff, Fayetteville, Arkansas. These breeders are very high in their praise of Brangus and very enthusiastic about the breed.

From Florida we have noted that more and more breeders are changing to Brangus or increasing their present herds. In the past few weeks shipments to Florida have included the following breeders: K. E. McCall of Orlando; W. E. Lee of Palmetto; Joe R. Gramling of Plant City; J. Arden Mays of Plant City; Selby Ranch of Myakka City; and Burton Walker of Plant City.

Interest in Brangus cattle has spread and is increasing throughout the world.

Our appraisers in 1951 traveled more than 130,500 miles through 25 states and Canada, Mexico, Guatemala, and Costa Rica. There are now more than 400 Brangus cattle registered in Canada alone and our breeders there report that their Brangus stand the severe winters without ill effect. Of the foreign countries, Australian breeders seem especially interested in the Brangus breed. The Association files contain numerous letters from Australia telling of the success of these cattle in their climate and terrain. They thrive better, make better gains, and are not bothered by the flies and ticks.

Brangus cattle have been flown successfully to foreign countries, the most recent being Costa Rica. Tentative plans are now under way to fly a load to Australia and one to Venezuela. This breed is doing much to improve the native cattle in these countries, due to their versatility and disease resistance.

It has now definitely been established that Brangus cattle do better in the feed lot than other breeds. They gain faster on less feed. They not only grade with the tops, but they yield better than the breeds most breeders are accustomed to feeding. This means more money in the feeder's pockets. For breeding, for feeding, for use on commercial cows to build up their herds, Brangus cattle are consistently gaining in popularity and demand.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**



Annual National Brangus Show

FEBRUARY 20, 1952

National Brangus Sale

FEBRUARY 21, 1952

SAN ANTONIO, TEXAS

Write for sale catalogue and further information

American Brangus Breeders Ass'n

BOX 81

VINITA, OKLAHOMA

CATTLELOG

The M. & H. Stock Farm, Dallas, Texas, recently acquired three choice heifers from the Polled Hereford herd of M. Benavides Volpe, Laredo, Texas. One is a double bred Domestic Mischief heifer, another is by a Domestic Woodrow bull, and the third is by a Beau Perfection bull. These heifers are all good headed, straight legged and good bodies. They are to be added to the select herd of breeding cows on the M. & H. Stock Farm, located at Lavon, Texas.

The Connecticut Mutual Life Insurance Company announces that H. Martin Tenney, well known in the farm and ranch field in the Southwest, has been advanced to second vice president, investments, effective January 4. Tenney has been second vice president, mortgage loans, for the company since 1946. He became associated with Connecticut Mutual in 1935 as assistant supervisor of city loans, becoming supervisor in 1937. He was made assistant vice president in 1940.

Clovis Ann Watt, daughter of Mr. and Mrs. Bill Watt, Saginaw, Texas, showed the grand champion steer at the Tarrant County Junior Livestock show held at Fort Worth January 12. Bill Watt is manager of Northwoods Farm.

An unseasonal outbreak of anthrax is killing Oklahoma cattle this winter although the disease usually is harmless except in hot summer months, Dr. D. H. Ricks, head veterinarian for the state board of agriculture reports.

Ricks said the most recent area or-

dered quarantined by the board was near Waurika in Jefferson County, where several animals in a herd of 1,200 had died of the disease.

The disease so far has appeared in "an unusually mild form," he said, but cattlemen have been losing from one to sever head in some herds.

Ricks warned that the situation "could become serious" if proper precautions are not taken in infected areas. Mass vaccination and abandonment of infected pastures are the usual precautions.

J. G. Gerard, Benton, Ark., was re-elected president of the Arkansas Polled Hereford Association at the recent annual meeting of the association. Gerard has held the office for five years. E. A. Pickens, Pickens, Ark., was elected vice-president, and Rudy Moore, Ozark, was named secretary-treasurer. Plans for a spring sale at Forrest City were discussed at the meeting.

Directors of the Nebraska Hereford Association have announced that Donald Warner has succeeded Donald F. Sampson as manager of the association, effective January 1. Sampson, who assumed the managership of the association when it was organized four years ago, intends to devote his entire time to his law practice at Central City, Neb. Warner joined

the staff of the association as assistant manager a year ago and has taken an active part in activities during the past year.

The South Dakota Hereford Association, which has been operating with a part-time secretary since its organization 10 years ago, has engaged John L. Leibel, formerly instructor in animal husbandry at South Dakota State College, as a full-time secretary. Leibel, who has been managing the association's sale for the past three years, will make his headquarters in Brookings until office facilities can be obtained in Huron.

The grand champion steer of the Mills County Livestock Show held at Goldthwaite, Texas, January 16 was a Hereford fed by Dana Saylor, 17-year-old 4-H Club boy of Goldthwaite. The reserve champion was an Aberdeen-Angus steer fed by Bob Parker, Goldthwaite FFA boy.

The first case of anthrax in the Wichita Falls, Texas, area in more than 20 years was reported recently when diagnosis of an infected cow was confirmed by a veterinary laboratory, a pathologist and the Department of Public Safety at Austin. Vaccination of the entire herd was begun immediately.

A new Shorthorn herd has been established in Texas, the FEN-MARR herd, owned by Mr. and Mrs. C. W. Fenstermaker, San Antonio. It was started last February with the purchase of ten cows and ten heifers from Frank Scofield of Austin, Texas. In April fifteen more

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cows were added, which were brought to Texas about five years ago from Iowa. These cows carry such famous bloodlines as Augusta, Rosewood, Missie, Maud, Bessie, Victoria, Clara, Broadhooks and others. The Fen-Marr herd bull, Level-dale Counsel, was purchased from L. E. Mathers & Son, Mason City. He was in his class at Wisconsin, Ohio, Indiana, Kentucky and Omaha shows.

Mack H. Yates, Sr., San Saba, Texas, recently purchased 15 Shorthorn females from J. Doss Miller, DeLeon, Texas, for use in his Brahman-Shorthorn breeding program. Miller also recently sold 10 top females to Lubert Moyers, Ferris, Texas, who is establishing a new herd of registered Shorthorns.

Jack Roberson of Mingus showed the grand champion calf at the Palo Pinto County Livestock show. The calf was a Hereford bred by A. H. Brackeen, Palo Pinto. Another Hereford calf bred by Cox & McInnis, Byrds, was reserve champion. It was shown by Pat Mallory of Brad.

Correction

We regret the omission of the address on the Combination Saw and Tractor Company ad appearing in the January issue. The address of the company is P. O. Box 820 U, Denton, Texas.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.

ABBA Committee Visits Cuban Brahman Ranches

ONE of the most distinguished committees ever appointed to represent the American Brahman Breeders Association visited Cuba in early December. The committee spent two weeks touring ranches on the island for the purpose of appraising Brahman cattle for registration and recordation.

The group included three past presidents of the ABBA, the Coordinator of Beef Cattle Research of the U. S. Department of Agriculture, the organization's executive secretary and two outstanding Brahman cattle breeders—one from Texas and the other from Florida.

They were, respectively: J. W. Sartwelle, president of the Port City Stockyards and one of the founders of the ABBA, Houston, Texas; Gail Whitcomb, Houston lawyer and rancher; Afton Burke, Brahman breeder, Corsicana, Texas; Dr. R. T. Clark, Co-ordinator of Beef Cattle Research, USDA; Harry Gayden, ABBA Office, Houston, Texas; Leo Fugle, De Land, Fla., and Tom Abell, Wharton, Texas.

While in Cuba the committee visited thirty-one ranches, appraised 1924 animals for registration and inspected 132 animals for recordation as foundation animals. The largest herd inspected, owned by any one individual, was that of Fernando Galan and was located in the province of Oriente near the Camaguey-Oriente boundary.

Santiago Perez, ABBA director in Havana, Cuba, arranged the tours in advance of the arrival of the committee, including punctual transportation facilities and many hospitable events.

Gayden, Sartwelle and Whitcomb first inspected two herds in the western end of the island, which is best known for its production of coffee and tobacco.

Sartwelle, Clark and Burke appraised cattle in the eastern end of the island; Abell and Whitcomb inspected herds in the vicinity of Camaguey; and Gayden and Fugle inspected those in and around Sancti Spiritus.

Members of the committee who had never visited Latin American countries were surprised to learn that a high percentage of animals slaughtered in Cuba are three-year-old bulls. This is due to the fact that the natives prefer lean red meat and indicates that the Cubans are not as "refrigeration-minded" as the Yankees.

The group attended the National Livestock Show at Sancti Spiritus where Sartwelle acted as beef cattle judge. They observed that 90 per cent of the beef cattle exhibited were Brahmans and that the dairy cattle show was limited to Brown Swiss and Holsteins, with the Brown Swiss predominating.

According to information obtained by Gayden in Cuba, the popularity of the Brown Swiss results from its ability to cross with the Brahman and produce offspring that serve as dual purpose animals.

Cuban breeders claim that the cross-breeds are generally animals of rugged conformation, good producers of both milk and meat, that they retain a high degree of the heat tolerance of the Brahman and have uniformity of color.

Other activities of the committee representing the American Brahman Breeders Association on the Cuba trip were a luncheon at which the ABBA was host to officers and directors of the Cuban Brah-



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man Breeders Association and the Cuban Cattle Breeders Association, representatives of the Pan-American Zebu Association and ABBA members, and a dinner at which members of the committee were guests of the Board of Governors of the Cuban International Livestock Show, which will be held February 25 through 28.

Visits were also paid to the offices of Cuba's Minister of Finance and Minister of Agriculture.

Brahman Breeders to Compete At Nine Livestock Shows

BRAHMAN breeders will compete for prize money totaling approximately \$26,000 in a series of nine up-coming livestock shows that comprise the major shows of the winter and spring circuit, Harry P. Gayden, executive secretary of the American Brahman Breeders Association, announces.

Starting early in January, the shows will extend through March, giving thousands of people throughout the South and Southwest an opportunity to inspect top Brahman cattle in competition.

The nine shows, inclusive dates, and premium monies are: National Livestock Show, Phoenix, Ariz., Jan. 2 through 5, \$1,780; Ocala Brahman Show, Ocala, Fla., Jan. 15 through 18, \$3,000; Southwestern Exposition and Fat Stock Show, Fort Worth, Texas, Jan. 25 through Feb. 3, \$2,000; Houston Fat Stock Show, Houston, Texas, Jan. 30 through Feb. 10, \$3,740; Florida State Fair, Tampa, Fla., Feb. 5 through 16, \$2,716; San Antonio Livestock Exposition, San Antonio, Texas, Feb. 14 through 25, \$3,000; L. S. U. Livestock Show, Baton Rouge, La., March 1 through 7, \$5,527.50; Rio Grande Livestock Show, Mercedes, Texas, March 6 through 10, and the National Brahman Show, Bartow, Fla., March 19 through 22, \$4,000.

Brahman Breeders Invited To International Forum

REPRESENTATIVES of the American Brahman Breeders Association have been invited to participate in an international forum to be held in Havana, Cuba, February 25 through 28, in connection with the International Cuban Livestock Show, Harry P. Gayden, executive secretary of the ABBA, announced upon returning from Cuba recently.

The invitation had previously been extended in a letter from Dr. Walfredo J. Rodriguez, secretary of the Cuban Cattle Breeders Association. When members of the ABBA committee visited Cuba early in December for the purpose of appraising Brahman cattle, they were urged to prepare and present papers regarding the American Brahman breed at the forum, Gayden said.

Officials of the Cuban Cattle Breeders Association hope that such a forum will become an annual event, with the forum being held in different countries in the Americas each year.

Among those who are currently preparing papers on the American Brahman to present at the Havana forum in February is Gail Whitcomb, Houston lawyer and rancher.

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American Brahman Breeders Invited to Havana Show

CUBAN cattlemen have invited United States breeders to show their stock in the 1952 Cuban International Livestock Show, February 25 through 28, in Havana. The Cubans are particularly interested in having U. S. breeders show American Brahman in competition in their respective classifications with Brahman raised in Cuba, said Harry P. Gayden, executive secretary of the ABBA, upon returning from Cuba recently.

Gayden, and other members of the ABBA committee who spent two weeks

in Cuba appraising Brahman cattle for registration and recordation, discussed possibilities with the Board of Governors of the Cuban Show and other cattlemen.

Since both U. S. and Cuban laws prohibit the importation of cattle from Cuba into the U. S., it would be necessary for U. S. exhibitors to sell their entries in Cuba after showing them.

Several offers of assistance were made concerning this matter, and in an effort to encourage United States breeders to participate in the show.

Dr. Carlos Font, Havana, offered to come to the States, inspect animals that might be exhibited and make buying offers for them before cattle are shipped to Cuba.

Celso Gonzales, ABBA member residing in Cuba, said that he would take all animals exhibited to his ranch, where he would keep them until Cuban or Central

and South American buyers could see them and purchase them.

Such generous offers of assistance by these and other Cubans should encourage American Brahman breeders to compete in the Cuban International Livestock Show, said Gayden.

PAZA Board Meets in San Antonio February 19

THE board of directors of the Pan American Zebu Association will hold its annual membership meeting in San Antonio, Texas, at the Gunter Hotel, February 19. PAZA president Bob Coquat, of Encinal, Texas, has also announced that another quarterly meeting of the PAZA Board will be held in San Antonio on February 18, both meetings being held in conjunction with the 1952 San Antonio Livestock Exposition.

Following its December 13 directors meeting the Zebu Association announced the election of the following Brahman cattle breeders to active membership in the association. Ed Bull, San Diego, Texas; D. W. Risinger, San Diego, Texas; Adolph M. Anderson, El Campo, Texas; John Murphy, Tucson, Arizona; McGinniss Brothers, Lathrop, Missouri; Compania Arrendataria Hanabana, S. A., Calimete, Cuba; Dr. Gonzalo Gonzales, Monterrey, Mexico; Bruce F. Gregg, Sterlington, Louisiana; J. B. Johnston, Sterlington, La.; Ben Burnside, Newellton, La.; E. R. McDonald, Newellton, La.; E. R. McDonald, Jr., Newellton, La.

The board at its December meeting also initiated plans for PAZA representation and participation at the First Inter American Zebu Cattle Congress to be held in Havana, Cuba, February 25-28, 1952. An official delegation of more than 25 United States Zebu breeders has been designated to make this official visit on behalf of the PAZA. An airliner is being chartered to carry this group, along with numerous other cattlemen slated to attend, to Cuba on February 24.

In reviewing its 1951 activities, the association reported that approximately 15,000 animals have now been permanently entered in the organization's Zebu cattle herd registry. As was pointed out by the report, all of the animals have been especially selected through a program of appraisal and reclassification, applied to North American Brahman and Zebu cattle herds during the past five years, for the purpose of improving the breeding quality of Zebu cattle, to further contribute to the beef cattle industry of the Pan American countries.

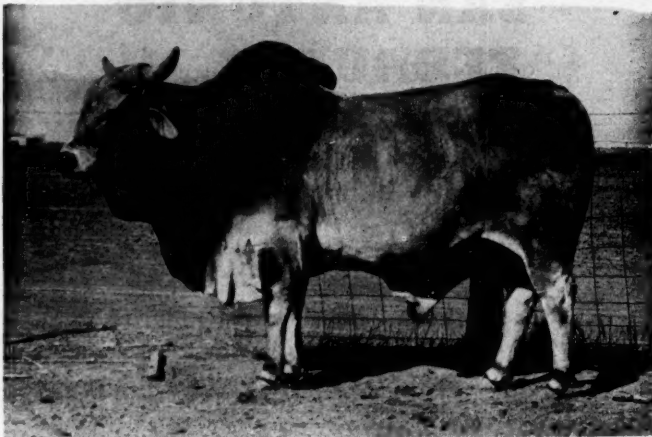
Conservation Means Efficient Production

THE objective of the over-all agricultural conservation program is to obtain maximum production of food and fiber and to do so in a manner that does not diminish the productivity of the land," says Hoy C. Connelley, Extension Soil Conservationist, New Mexico A. & M. College. "We should not think of soil and water conservation without taking into consideration various other physical, biological, and social sciences. If the prevention of soil from blowing and washing away were the only objective of the agricultural conservation program, it could be accomplished very easily by allowing all cultivated lands to revert back to grass, trees, and shrubs and exclude all use of lands by livestock and

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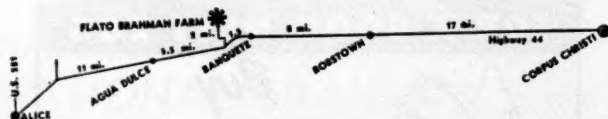
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man. Even then, we would probably have some blowing and washing, because it is evident that in the complex pattern of nature, some erosion was provided for.

"The definition of conservation must include production. Any evaluation of conservation that leaves out production is futile. In dealing with conservation problems and practices, we must recognize that both nature and people are involved. They are pieces of the same pattern. Changes, growth, and development of ideas in the minds of men, types of operation, production aspects, and economic circumstances are just as important as the physical aspects of conservation.

"In other words, a complete practical conservation program must involve three major traditions included in the American culture: The agrarian tradition, the efficiency tradition, and the democratic tradition.

"The agrarian tradition accounts for the universal interest in agricultural conservation by the general public. The efficiency tradition is responsible for the fact that the program must be built upon a sound economical basis, and the fact that conservation 'pays' must be the approach.

"The Democratic tradition requires that the program be based upon informal education and voluntary action on the part of the people. In conformity with the democratic tradition, the New Mexico Soil Conservation District Law was passed, which made possible the establishment of soil conservation districts as political sub-divisions of the state. Soil conservation districts are democratic, self-governed units which were established by the people through popular vote and consequently, cannot be dictated to by any state or federal agency. They can be dissolved by vote of the people, or they can be extended. The districts are a medium through which the people can promote their own agricultural conservation program. They may obtain assistance from state or federal agencies through mutual cooperation or written understanding. Such agreements can be terminated or modified at any time.

"There are 60 legally organized districts in New Mexico. They contain approximately 54,000,000 acres and involve about 85 per cent of all farms and ranches. During 1951, there were two new districts organized and 17 additions to existing districts were approved, involving approximately 1,500,000 acres and 375 landowners."

King Ranch Santa Gertrudis to Cuba by Plane

A PLANE load of young bulls was shipped from the biggest ranch in North America to one of the largest in Latin America.

A Pan American World Airways cargo Clipper took off from Brownsville, Texas, January 30 with 22 Santa Gertrudis bull yearlings from the famous King Ranch of Kingsville, Texas.

The Clipper landed eight hours later at the private airport of Central Hermita, in Oriente province, Cuba.

Ten of the bulls are consigned to Sumner Pingree's Central Hermita Ranch, where they are joining his immense herd of 14,000 beef cattle.

Ten others are being shipped to E. J. Barker, a rancher at Isla de Turigano, Cuba, and the remaining pair to Federico Castellanos at Camaguey, Cuba.

It is the second load of cattle trans-



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ported from King Ranch to Central Hermita by PAA—a trip that would require two weeks or more by truck, ship and train.

Pingree flew from Cuba to Texas in one of his private planes to select the yearlings and buy a dozen Texas Quarter Horses, which Pan American will fly to Cuba in February. The horses will be shown at the Havana stock show February 22-March 3 before continuing their journey to Central Hermita.

The fast, cattle-wise horses will be added to the herd of 150 that provide mounts for the ranch's 45 Cuban cowboys who ride herd over 100,000 acres.

New Mexico A. & M. Feeders Day February 25

THE most recent results from the livestock feeding research at the New Mexico Agricultural Experiment Station will be presented to visitors during Feeders' Day at New Mexico A. & M. College, February 25. All farmers and stock feeders interested in this work are invited to attend.

J. H. Knox, head of the College animal husbandry department, is in charge of the program, which will include a discussion of the market outlook and profitable practices in New Mexico feedlots as well as the research review.

Ivan Watson, extension animal husbandman, will preside as chairman during the program.

This is the 13th annual Feeders' Day at the College, and through these programs the animal husbandmen give visitors a running account of their research and the resulting recommendations for

livestock feeding in New Mexico, Knox says.

The all-day program will begin at 10 a. m. in Hadley Hall. Visitors will inspect the experimental animals in the College corrals, and time will be allotted for questions and discussion on the talks. A chuck-wagon lunch will be served on the campus.

New Crop Varieties Can Help Meet Food Needs

IF the past 25 years is a measure of how plant research can help meet food needs of a growing population, this nation can look forward to hundreds of improved crop varieties producing much higher yields and better quality feeds and foods than those now grown, a plant scientist of the U. S. Department of Agriculture says.

The scientist is Dr. K. S. Quisenberry, assistant chief of the Bureau of Plant Industry, Soils, and Agricultural Engineering. He reviewed gains since 1927 in a talk before the Nebraska Crop Improvement Association at Lincoln. He noted that in the past 25 years Federal-State research has produced and released to farmers 293 new varieties of wheat, oats, and barley, 67 of sorghum, 25 of flax, 76 of various legumes, and 48 of grass. USDA, the State experiment stations, and commercial seed companies have released about 350 corn hybrids. These add up to a total of 859 new varieties of field crops during the period.

Corn hybrids have increased yields by at least 30 per cent or a total of 750,000,000 bushels annually. The hybrids also have stronger stalks, grow and mature

more uniformly, and in some cases are more resistant to insects and diseases. New wheat varieties give increased yields because of earliness, winter-hardiness, disease, and insect resistance, stiff straw, and other desirable characters. Higher yielding soybeans account for increases of 20 per cent in soybean production, and 10 per cent more oil. New disease resistant legumes, such as Ranger and Buffalo alfalfa and Kenland red clover, are accounting for higher yields of forage, more livestock production, and soil enrichment.

These gains indicate how today's improved varieties will help farmers meet production goals in 1952, but they will not do the job in 1977, said Dr. Quisenberry. While plant scientists are busy creating new crop varieties, nature is busy producing new diseases to attack them. Crop scientists still have too little information on what insects or diseases may appear if an entirely new variety becomes widely grown, or if farmers adopt a new farming practice, he said.

He concluded: A continuing research program is necessary to obtain basic information in breeding new varieties. These facts must be used to develop superior varieties resistant to the hazards of production. Once tested, the improved varieties must be increased and distributed and a pure source of seed maintained by crop improvement associations. These steps are vital in producing food for America's growing population.

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National Cutting Horse Association Meeting

DIRECTORS of the National Cutting Horse Association, at their annual meeting held at the Horseshoe Club in Fort Worth January 24 reelected Gay Copeland, Sonora, president; Robert Q. Sutherland, Kansas City, vice-president; and L. P. Bloodworth, Sonora, secretary-treasurer.

The following were elected directors of the association: Chester Cook of Merced, Cal., Don Dodge of North Sacramento, Cal., James Woodyard of North Hollywood, Cal., Bill Lamkin of Westminster, Cal., Charley Araujo of Coslinga, Cal., Van Wilder of Salem, Ore., Hal Begley of Yuma, Ariz., Russell Wilkins of Wilkins, Nev., W. W. Everett of Tulsa, Okla., Chester Minton of Webb, Okla., Waldo Haythorn of Ogallala, Neb., Bill McNeill of Aberdeen, S. D., Ray Barnes of Denver, Colo., Robert Q. Sutherland of Kansas City, Mo., Jimmie E. Roark of Anderson, Mo., Leslie H. Geddes of Rockford, Ill., Leo Creamer of Big Timber, Mont., Loyd Jinkens of Fort Worth, George Glasscock of Cresson, Gay Copeland of Sonora, Bill Elliott of Austin, Charles King of Wichita Falls, Douglas Mitchell of Fort Worth.

Also Sam Spears of Hamilton, Earl Albin of Comanche, V. C. Bilbo of Dallas, Clem Boettcher of East Bernard, John Dublin, Jr., of Midland, Jack Copeland of Granbury, Garrett Harrell of Snyder and Volney Hildreth of Aledo.

Regional directors named were: Graeme Stewart of Dorris, Cal., Louis Gorino of Rosedall, Cal., Thomas W. Allen of Salem, Ore., Red Myrick of Nogales,

Ariz., Percy Jones of Oklahoma City, Cy Taillon of Denver, Colo., Cleteus Hulling of Mascoutah, Ill., A. P. Eppenauer of Marfa, Matlock Rose of Fort Worth, Joe W. Whiteman of Houston, Lowell Ferrel of Lamar, Neb., Roy Hyatt of Tulsa, Bob Manwiller of Birdsboro, Pa., Rocky Reagan of George West, Stephen Bishop of Chimacon, Wash., Frank Daws of Throckmorton, Sunny Bahner of Wharton, Harold Sorenson of Chawa, Iowa, Ray Lewis of Albuquerque, N. M., C. Benson of Monroe, La., Cowboy Evans of Chihuahua, Mexico, Guy Weadick of High River, Alberta, Canada.

Selling farm scrap metal is good farm management and helps increase production.

Two prominent Cuban cattlemen visited Texas Brahman breeders recently to present personal invitations to them to attend and participate in the Cuban International Livestock Show, February 22 through March 2. They were Celso Gonzales and Victor Espinosa, shown above with Harry Gayden (center), executive secretary of American Brahman Breeders Association.



American Royal Dairy Show and Rodeo May 4-10

REPRESENTATIVES of the dairy breeds, extension dairymen and officials met in Kansas City recently and set May 4-10 as the dates for the 1952 American Royal Dairy Cattle Show and Rodeo which will be held in the American Royal.

Verne Elliott, who presented the rodeo at the Southwestern Exposition and Fat Stock Show in Fort Worth, will handle the rodeo.

Put your electricity to work in mid-morning or mid-afternoon for economy and efficiency. Avoid peak-load hours.

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The following excerpts from "Agricultural Research in Texas" published by the Texas Agricultural Experiment Station, of which R. D. Lewis, College Station, Texas, is director, are of interest to cattlemen:

Progeny Testing

Progeny testing of herd sires and performance tests for prospective herd sires are being carried on at three locations in Texas.

At the Balmorhea station, 156 head of young breeding stock from 11 breeders were in the 1949-50 test. There were 44 heifers and 112 bulls. Hereford, Polled Hereford, Aberdeen-Angus, Beefmaster, Santa Gertrudis and first cross Brahman-Angus were compared. One breeder consigned "compact" type Hereford bulls and heifers.

Gains averaged 2.2 pounds daily for the bulls and 1.68 pounds for the heifers in the 143-day test. The Santa Gertrudis and Beefmaster bulls were highest in gain. The "compact" type Hereford bulls were low in gain, as were the compact type heifers. Gains for bulls ranged from 2.59 to 1.79 pounds daily. Gains for heifers ranged from 1.76 to 1.59 pounds daily.

The cattle were self-fed. The average

ration consisted of 2.9 pounds of cottonseed meal, 4 pounds of ground alfalfa hay and 12 pounds of ground hegar bundles.

At Bluebonnet Farm near McGregor, young beef animals are being tested as to their ability to gain when fed on the same bulky growing ration. In the 1950-51 test, there are 60 cattle belonging to cooperating breeders.

PanTech Farms near Amarillo serves the beef cattle breeders of the Panhandle and Northwest Texas. Fifteen breeders of registered cattle have 70 bulls in the 1950-51 test.

Feeding Salt-cottonseed Meal Mixtures

Thirty-five Aberdeen-Angus, Hereford and Shorthorn cows were used in an experiment at College Station to determine whether high salt intake over a long period of time is injurious to breeding cattle. The cows were divided into two groups and put on wintering treatments. Both groups had access to 200 acres of unimproved Brazos county upland pasture with an abundance of dry winter forage.

One group was hand-fed two pounds of 41 per cent protein cottonseed meal per head daily in feed bunks. The other was given free access to a mixture ranging from 15 to 35 per cent salt and 85 to 65 per cent 41 per cent protein cottonseed meal during the 107-day wintering period.

Both groups lost about the same amount of weight (155 pounds per head) and weighed nearly the same (795 pounds) at the close of the wintering

period, says a report by the Texas Agricultural Experiment Station. The average intake of cottonseed meal was 0.2 pounds higher per head daily for the self-fed group.

Thirteen calves were dropped in the self-fed group and 12 in the hand-fed group. The calves from the salt-fed group averaged 162 pounds at 79 days of age, while those from the hand-fed group averaged 164 pounds at 85 days of age.

Five cows in the salt-fed group scoured periodically. One cow started scouring January 16, was too weak to weigh January 27 and died February 6. This difficulty was not observed in the hand-fed group.

In another test following this wintering trial, after 130 days of feeding, two cows were each consuming 23 pounds daily of a feed mixture containing 13 per cent salt—a daily intake of 2.99 pounds. The cows consumed two pounds of salt per head daily for 82 days. They gained at the rate of 2.06 pounds per head daily for 121 days and 1.85 pounds for 152 days.

Although no measurements were made, water intake and urine output of these cows were very large.

Hulls and Alfalfa in Steer Rations

Steer fattening trials at the Ysleta station show that cottonseed hulls can be used to replace part of the alfalfa hay in a ration without reducing gain or finish. Advantages of cottonseed hulls are its low cost per ton of bulk and a safety factor against bloat.

Groups of steers fed mixtures of either one-third cottonseed hulls and two-thirds alfalfa or two-thirds cottonseed hulls and one-third alfalfa made more gain than steers fed alfalfa as the only roughage

Registered RED BRAHMANS



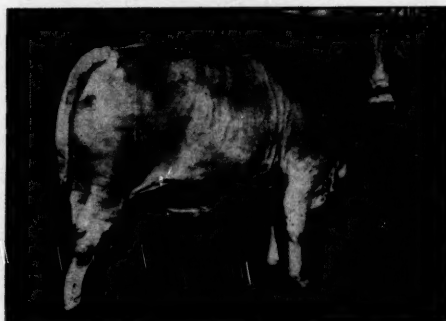
I Raise the RED BRAHMAN—

WHY?

They give lots of milk. They get more red, whiteface calves when bred to HEREFORD cows. They stand more cold weather. I have a few yearling twos and threes for sale. They are BEEF TYPE BRAHMANS.

Also have grays which we will sell cheaper than the reds.

DR. T. M. NEAL
WHARTON, TEXAS



Mr. V-8 44th—ABBA No. 34439—One of the bulls out of 1947 calf crop. Picture taken at 18 months of age.

REGISTERED BRAHMAN CATTLE FOR SALE



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Ranch located 22 miles S. E. Center, Texas, on State Hwy. No. 87
Office Parker Motor Co., Center

or cottonseed hulls and only two pounds of alfalfa hay as a carotene supplement.

Peanut Hulls in Fattening Rations

Finely ground peanut hulls as a roughage in a fattening ration produced higher gain and finish than coarse peanut hulls or ground Johnsongrass hay in a 165-day trial with 500-pound steer calves at Stephenville. Lighter calves fed screenings containing small amounts of vetch seed fattened satisfactorily and showed no ill effects from the ration.

The Prairie View station began its first steer fattening trial November 20, 1950. Two lots of 10 long yearling steers, each averaging 758 pounds, will be fattened in drylot for 120 to 140 days.

One lot is fed finely ground peanut hulls and the other is fed locally-produced prairie hay. Both lots are fed approximately 2.5 pounds of 41 per cent protein cottonseed meal and 16 to 18 pounds of ground ear corn daily per head.

Peanut production is important in both the Stephenville and Prairie View areas.

Barley, Corn and Sorghum in Fattening Rations

Ground barley and a combination of equal parts of either barley and ground ear corn or barley and ground grain sorghum have produced excellent gains and finish on yearling steers at the Temple station.

Ground barley proved equal or slightly better than ground corn and ground sorghum grain in producing gains and finish on yearling steers in drylot.

Sorghum Gluten Meal and Feed Tests

At the Beeville station, 168 steers were used in feeding trials with sorghum gluten meal and sorghum gluten feed from September 1947 to January 1951.

The steers were fattened in drylot in four tests ranging from 60 to 170 days.

Sorghum gluten meal and cottonseed meal, both of 41 per cent protein content, were nearly equal in value as supplements in ground sorghum grain and silage fattening rations, the Texas Agricultural Experiment Station reports. Sorghum gluten feed did not make a palatable or satisfactory fattening ration when fed as the only concentrate with sorghum silage. Sorghum gluten feed supplemented with cottonseed meal had a feeding value equal to that of ground hegar grain.

Sorghum gluten meal appeared to be less palatable than cottonseed meal. High nutrient value was indicated for sorghum gluten meal and feed by the amount of feed required for 100 pounds of gain.

Supplying Phosphorus to Range Cattle

This is a continuing study which was begun in 1938. It has been conducted in three phases.

The first phase showed that a phosphorus deficiency exists in the native forage along the Gulf Coast and that beef production is increased by supplying additional phosphorus to breeding herds.

Practical methods of supplying the needed phosphorus were determined in the second phase.

The current phase was begun in the fall of 1946. It involves seven 640-acre pastures. Objectives are to determine: the comparative value of applications of 300 pounds per acre of raw rock phosphate and 20 per cent superphosphate as pasture fertilizers in the prevention of aphosphorosis ("creeps"), the grazing capacities under the respective treat-

ments and the vegetative changes in the principal forage grasses following the applications of phosphates to the soil.

Two pastures fertilized with 300 pounds of raw rock phosphate per acre in 1947 received an additional 300 pounds per acre in 1949. A pasture fertilized in 1941 with 200 pounds per acre of triple superphosphate received a similar application in 1948. The two pastures fertilized with superphosphate, one with 300 pounds per acre and the other with 200 pounds, are grazed by 63 cows. Each of the other experimental pastures is stocked with 42 cows.

Brownseed paspalum grass from the pastures receiving phosphates showed a much higher phosphoric acid content than similar grass from the unfertilized (control) pastures. Lactating cows on these pastures had an appreciably higher phosphorus level in their blood than cows on the control pastures. No outward symptoms of "creeps" were apparent by December 1950 in the cows on the treated pastures. Cows on the phosphated pastures during 1949 and 1950 were heavier and produced more and heavier calves at weaning time than the cows on the unfertilized pastures.

Rainfall was below normal in 1949 and 1950. The two pastures stocked with 63 cows showed evidence of over-utilization and the drouth at the end of 1949. The other five pastures showed no apparent damage.

From the standpoint of palatability and abundance, the most desirable grasses on the experimental pastures are, in order, brownseed paspalum, thin paspalum and seacoast little bluestem. Sandhill grass has increased in stand on the pasture phosphated in 1941, and the

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MARCH 13th


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paspalums and seacoast little bluestem have decreased.

Clipping studies at two, four and six-inch heights to simulate grazing indicate that the two-inch clipping results in the greatest production of forage.

The Brush Problem

Foliage, trunk base and stump surface spray treatments with hormone chemicals are successful in the control of several types of brush the Texas Agricultural Experiment Station reports after exhaustive studies. These methods of application have shown adaptability and advantage in brush control on limited acreage or near crops susceptible to hormone sprays. Airplane application of chemicals offer promise for large scale brush control on range land.

Extensive tests of chemicals, carriers, rates and methods of application on a number of important brush species have been conducted at the Beeville, Sonora, Spur, Stephenville and Winter Haven stations and at College Station.

Prickly Pear—The 2,4,5-T esters appear to give satisfactory control of prickly pear when the chemical is applied as a drenching spray in Diesel oil or in equal parts of oil and water. Sprays containing 1 per cent 2,4,5-T acid give most effective results in spring and early summer.

Live Oak and Shinnery Oak—The 2,4,5-T esters in oil solutions offer some promise for control of live oak and tree types of shin oak in applications to slashes or notches cut in standing trees. Basal treatment and foliage application with the hormone-type chemicals generally have been unsatisfactory.

Post Oak and Blackjack Oak—Best results in the control of post and blackjack oak have been obtained with applications of 2,4,5-T and 2,4-D esters on trunk bases and on stump or cut surfaces.

Airplane spray tests conducted at College Station in 1950 indicate that more than 1½ pounds of 2,4,5-T acid per acre is needed for effective control of scrub oak stands.

Whitebrush—Dense stands of whitebrush on the Rio Grande Plain showed response to treatment with various formulations of 2,4-D and combinations of 2,4-D and 2,4,5-T. Favorable soil moisture conditions and active growth apparently are necessary for effective results, as shown in tests with ground equipment.

Mesquite—Chemical treatment appears to offer considerable promise for low cost, effective control of mesquite on range lands. Comprehensive aerial spray tests conducted in 1949 and 1950 show that, under favorable conditions, 2,4,5-T gave top kills up to 98 per cent, and 50 per cent of the brushy mesquite had not sprouted at the end of the second season following treatment. The regrowth from the sprouting plants was spindly, stunted and has largely died back to ground level each year. Retreatment to control new seedlings and sprouts probably will be necessary at intervals of 7 to 10 years.

Two-thirds pound acid of a low volatile ester of 2,4,5-T per acre, applied by airplane in an emulsion of one gallon of No. 2 Diesel oil and three gallons of water, gave the most effective and economical control of mesquite. Best results were obtained with applications made 40 to 90 days after the first leaves appeared in the spring, when soil moisture conditions favored vigorous growth.

Reduced hazard of spray drifting to susceptible farm crops, less loss of chemical, and increased penetration of dense foliage to ground level were obtained by

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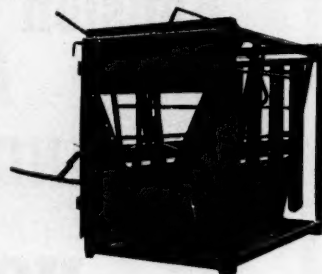
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Seven Thousand
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The chute that's sold 'round the world.

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regulating airplane spray equipment to deliver the 2,4,5-T solution in coarse droplets. Severe damage from the drifting chemical may occur to cotton and other susceptible crops for distances of one to three miles, depending on the wind velocity, wind direction, droplet size, height of application and other factors.

Sprout growth and seedling mesquites three to five feet tall also were controlled during the heavy foliage period in the spring with ground equipment. The plants were sprayed thoroughly with a solution containing one pound of acid of a low volatile ester of 2,4,5-T in 50 gallons of water. Oil solutions were less effective and more costly.

Effective control of individual trees was obtained by treating the lower 12 inches of the trunk with a solution containing one pound of acid of a low volatile ester in 10 gallons of Diesel oil or kerosene. Good results required wetting the bark thoroughly. Excellent results also were obtained on large trees by painting the freshly-cut surfaces with an undiluted commercial stock solution of 2,4-D amine containing four pounds of acid per gallon. The season of treatment of stumps did not appear to affect the percentage of kill.

Huisache—Basal and cut-surface treatments of huisache with 1 per cent solutions of 2,4,5-T ester in Diesel oil gave excellent control during the spring and summer. Diesel fuel alone was effective in stump treatments in midwinter and early summer.

Blackbrush—Generally unsatisfactory results in blackbrush eradication were obtained with foliage spray applications of 2,4,5-T and 2,4-D in rates up to 1½ pounds of acid per acre.

Cattle Diseases

Hyperkeratosis—The cause of hyperkeratosis, a highly fatal, chronic disease of cattle, has not been determined, but present indications are that it is transmissible to susceptible animals from infected animals or premises, or from both.

The disease is widespread over the eastern two-thirds of Texas, and the death rate, especially among young calves, is very high.

The periodic fever shown by susceptible animals housed with infected animals is now interpreted as part of the symptoms of the disease. No satisfactory treatment of any kind has been found.

Anaplasmosis—Neither trifloryl nor quinoline showed any curative value when given to cattle infected with Anaplasmosis.

Spraying cattle with either DDT or benzene hexachloride, or a combination of both, did not prevent horseflies from feeding on the treated animals a few hours after the spray was applied.

Effect of Worm Medicines on Farm Animals—Twelve calves suffering from severe coccidiosis (bloody scours) made uneventful recoveries when fed sulfaquinoxaline at the rate of one-tenth grain per pound of body weight per day for three consecutive days. No symptoms of drug poisoning developed in any of the animals.

Calves given sulfaquinoxaline at the rate of one-half grain per pound of body weight daily for seven consecutive days showed no evidence of toxicity. The amount of drug in the blood did not vary directly with the dosages administered in this test.

Sixty-eight lightly-parasitized steers were divided into three groups and treated with N butyl chloride, copper

sulphate-nicotine sulphate (cunic mixture) and phenothiazine. Although the steers treated with cunic mixture showed slightly better gains than the other two groups, the differences were not large enough to be significant.

Wheat Poisoning—In work on wheat poisoning at PanTech Farms near Amarillo, five groups of cows were pastured on winter wheat during the 1949-50 grazing season. Two groups served as controls and one of each of the other three groups received mineral supplements of calcium carbonate and ammonium chloride, calcium carbonate or ammonium chloride.

Analyses of blood samples taken at monthly intervals showed no significant variations from the normal.

Blood serum analyses of a limited number of wheat-pasture poisoning cases revealed that total calcium, ionic calcium and magnesium were decreased. Blood cell studies showed no changes from normal.

No difference could be noted in the immediate response of affected animals to treatment with straight calcium gluconate solution and that fortified with glucose, magnesium or phosphorus, although solutions containing magnesium seemed to have a longer-lasting effect in animals showing extreme excitability.

Injections of 500 cubic centimeters of a standard solution of calcium gluconate increased the total calcium content of the blood from an average of approximately half to double the normal amount and also, erratically, increased the phosphorus and magnesium content of the blood immediately following treatment. This was the case whether straight calcium gluconate or that fortified with magnesium and phosphorus was used.



Prince Domino Paladin, thirteen times champion

Harrisdale Farms are offering select herd bull prospects and range bulls, same breeding as Prince Domino Paladin, ranging in price from \$600 to \$1,000. All real bargains. Inspection invited.

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During Houston Fat Stock Show

Finest Brahmans Ever Offered!

Our 4th Annual Auction

Concentrated Manso bloodlines, consisting of 15 three-year-old bulls, 25 two-year-old bulls, and 10 two-year-old heifers.

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In cases of relapse, the calcium had again fallen below normal while the magnesium and phosphorus had decreased in varying amounts.

Pink Eye—Work with keratoconjunctivitis (pink eye) at Angleton proved that this important infectious disease of cattle is caused by the bacterium, *Moraxella bovis*, and that it is transmitted by direct contact from animal to animal.

Experimentally, it has been shown that a bacterin containing *Moraxella bovis* injected into susceptible cattle induced sufficient immunity to protect them against natural and experimental exposure to the disease. Field trials with

this product, conducted in approximately 700 range cattle, gave very encouraging results.

Stomach Roundworms—To test the efficiency of the dosage of phenothiazine for removing the smaller stomach roundworms, *Ostertagia* and *Trichostrongylus*, from cattle, two lots of 18 and 36 2-year-old steers were used.

The two lots were later slaughtered. It was found that a 50-gram dose of phenothiazine removed 17 and 40 per cent of the *Ostertagia* and 98 and 95 per cent of the *Trichostrongylus*. A 125-gram dose of phenothiazine removed 69 and 76 per cent of the *Ostertagia* and 98

and 95 per cent of the *Trichostrongylus*.

The only harmful effects of the larger dose shown by the animals was sluggishness and loss of appetite for 24 hours following treatment.

In another test, unweaned 5 to 7-month-old calves treated with 60 grams of phenothiazine and slaughtered 2 months later, harbored only one-third as many stomach worms, hookworms and nodular worms as did the untreated control calves.

One gram of phenothiazine, fed daily to calves and yearlings weighing between 250 and 500 pounds, prevented the development of 99 per cent of the worm eggs passed in the feces.

A cooperative project between the Angleton station and the Texas Prison System for the development of a better method of controlling the worm parasites of cattle was initiated during 1950.

X-Disease in the Trans-Pecos Area—No cases of a disease of unknown origin, which occurs occasionally in cattle herds in the Trans-Pecos area, were found during 1950. Investigational work with a rod-shaped bacterium, isolated from a typical case in 1949, was continued.

Accumulated information shows that the bromsulfathiazine liver function test can be used to detect cattle poisoned by senecio before clinical symptoms are evident. Attempts are being made to adapt this method to a practical range test.

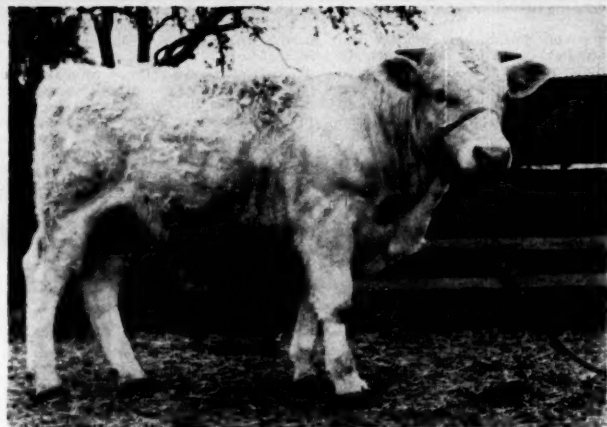
Highland Hereford Breeders Meet in San Angelo

ALL officers and directors were re-elected at the annual meeting of the Highland Hereford Breeders Association held at San Angelo. They are: Kenneth Smith, Marfa, president; Pete Kennedy, Marfa, vice president; Mrs. Mildred Shannon, secretary; Hayes Mitchell, J. E. White, Jr., Watt Reynolds, Jr., George Jones, Gage Holland, Perry Cartwright, Jack Catto, Turney Fletcher, Lee Harrington, and Otis Kimball, directors.

Bill Roberts, manager of Flat Top Ranch, Walnut Springs, Texas, was the principal speaker at the luncheon. Roberts advised the cattlemen to pay attention to the kind of cattle the commercial man demands. He said the commercial cattlemen are interested in things that count in beef cattle. They want a product that will give the right service and the kind of cattle that will weigh. He said he did not believe enough attention was being given to the over-all picture of what the Hereford breed is doing. He advised the selection of animals that can turn grass into flesh and those that can be maintained under natural conditions. He cited statistics showing that 70 per cent of all beef cattle registered are Herefords and also told of various feeding tests which tended to show that Herefords were superior to other beef breeds in weight gains and in dollars and cents.

Greater comfort and saving fuel are the benefits a farmer gets from his investment of money, labor and time in a windbreak.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**



**REGISTERED TWO-YEAR-OLD
AND YEARLING CHARBRAY
BULLS FOR SALE**

Come and see them.

LAZY V RANCH
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TEXAS POLLED HEREFORDS "EVERYTHING BUT THE HORNS"

They're Plum Good Ones . . .

AND WE'RE SELLING THEM!

Choice Dominos, San Antonio, Feb. 19-20

In the San Antonio sale we are offering one son and one daughter of Choice Domino 1st. December and October yearling respectively. Also two other "top-notch" yearling heifers.

SPECIAL NOTICE

We are offering at private treaty right out of our show string, Diamond Perfect Nugget, 12-34-50, a son of Golden Nugget, which stood 5th in a strong class of 26 senior bull calves at the National in Louisville. See him in San Antonio. Price: \$5,000.00.

Inspect Them Carefully in Their Stalls and in the Show Ring . . .

You'll Like 'Em!

*Visit Us in San Antonio During the Big Livestock Exposition . . .
Feb. 15 to 24*

KALLISON'S RANCH San Antonio, Texas

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Herd Bull Prospects and
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Herd Sires, T. Mellow Conqueror 2d, Comprest Domino A, Don Domino, H. Royal Rollo 3d, H. Prince Rollo 2d, Artec Domino 3d, Domino D. Blanchard 50th and Bonnie Lad.

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*Largest herd of Polled
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Trenfield Polled Herefords

Featuring Mellow Mischief and
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Rollo Mischief 1st, 3878303-195644
Plato Domino 57th, 4768401-265570
These bulls are used on cows of WOODROW
and PLATO bloodlines.

We always have something for sale.

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QUALITY Polled Herefords

HERD SIRES:

- Beau Blanco 53rd • N M Real Domino
- Domestic Mischief 53rd • N M Real Domino 26th
- Texas Real 9th • N M Real Domino 36th

COWS are mostly daughters of:

- Beau Blanco 53rd • N M Real Domino
- Domestic Mischief 53rd • Jr. Spartan 9th

★ Drop in and visit us any time. We'll be happy to show you our cattle. ★

N. M. MITCHELL

SANDERSON, TEXAS

POLLED HEREFORDS

Cows of Woodrow and Domestic Mischief breeding. Also horned cows from the Mousel and Stribling herds.

PRINCIPAL HERD SIRES

DOMESTIC MISCHIEF 6th
DOMESTIC WOODROW
WOODROW MISCHIEF 2d

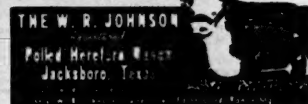
Let us show you their sons and daughters.

R. A. HALBERT

SONORA, TEXAS

REGISTERED POLLED HEREFORDS

At this time we are pleased to offer a group of excellent calves—bulls and females, herd sire prospects and foundation females for the most discriminating registered herd, or range bulls for the commercial breeder. They are smooth, well marked, with excellent polled heads, yet rugged cattle produced under natural range conditions, reasonably and sensibly priced.



W. J. Harvey Heads Sweetwater Area Hereford Breeders

W. J. HARVEY, Sweetwater, Texas, was elected president of the Sweetwater Area Hereford Association at the annual meeting of that association January 17. Other officers elected were J. C. McNeill, Crosbyton, first vice president; Ed Cumble, Bronte, second vice president; Jennings T. Lewis, secretary; J. N. Dulaney, Sweetwater, treasurer.

The sales committee consists of Tom Flack, Sweetwater; J. Paul Turner, Sweetwater; Ed Cumble, Bronte; Heston McBride, Blanket; John Montgomery, Jayton Leland Wallace, Big Spring.

The date for the annual sale was not definitely set, but it is planned to hold this sale late in November or early in December.

Bull Sells for \$20,000 at National Western

DEBERARD CATTLE COMPANY of Kremmling, Colo., set an all-time record for a sale at the National Western carload bull show when they sold a son of Royal L. Domino 43rd to Moseley Hereford Ranch, Jackson, Wyo., for \$20,000.

Hiwan Ranch, Lakewood, Colo., sold a son of WHR Helmsman 89th to TO Ranch, Raton, N. M., for \$15,000 and CK Ranch, Brookville, Kans., also sold a bull at the same price to Higgins Bros., Ringling, Mont.

Bolten & Davis, Hayden, Colo., sold a double-bred Donald Domino 26th sire to



Bill Anderson, Lovington, N. M., newly elected president of the Anxiety Hereford Breeders Association. Anderson succeeded R. D. Mousel, Jr., Cambridge, Neb.

Ellery Owens, Phillipsburg, Mont., for \$13,000.

A final check showed that 1,284 bulls were sold at an average price of \$1,029.

One quart of whole fresh milk will supply 100 per cent of a person's daily calcium needs, 93 per cent of her daily riboflavin needs, 61 per cent of the daily phosphorus needs, and 50 per cent of the daily protein needs.

Brown County Polled Hereford Breeders Sale

SUMMARY

53 bulls	\$54,415; avg.	\$1,029
13 females	13,660; avg.	1,050
66 head	68,075; avg.	1,031

THE 16th annual sale held by the Brown County Polled Hereford Breeders Association at Brownwood January 19 was composed of consignments from 24 breeders and was one of the best sales the association ever held.

Carl Sheffield, Brooksmith, showed the champion bull, C Domestic Mischief 11th, by GR Mischief Blanco. He sold at the top price, \$6,050, to J. J. Stroth, Greeley, Colo. Jim and Fay Gill, Coleman, consigned the second top bull, JFG Domestic Mischief 94th, by Domestic Mischief 97th. He sold for \$3,000 to Frank Crosslin, Eagleville, Tenn. JFG Domestic Mischief 105th, also by the "97th" consigned by the Gills, was reserve champion and sold for \$2,700 to B. L. Bradley, Groesbeck, Texas. Halbert & Fawcett, Sonora, sold four bulls at \$2,000 or more, including HHR DW 23rd T145, by Domestic Woodrow 23rd, to Kerber Bros., Chatsworth, Ill., for \$2,600.

Claude McInnis, Byrds, showed the champion female, Miss Real 25th, a daughter of NM Real Domino 36th. She sold bred to Bonny B Domino 1st for

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

Attend Our "Sale of Progress" March 10, Miller, Mo.



60 HEAD SELLING Ten are top herd-bull prospects like those pictured. Fifty bred heifers sell with the service of Domestic Mischief 259th and HHR Larry Domino 318th.



HHR DW 75th Sired by Domestic Woodrow.

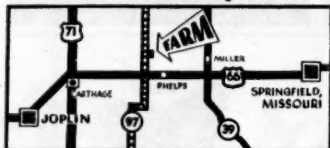


HHR DW 23 114th Sired by Domestic Woodrow 23d.



HHR DW 66th Sired by Domestic Woodrow.

Consult this map . . .



Arrow points to the sale site, just one mile north of the junction of U. S. 66 and Missouri State 97.

For sale catalogues, write: Halbert & Fawcett, Rt. 2, Miller, Mo.
For hotel reservations, write: Efton M. Henson, Drake Hotel, Carthage, Mo.

**ROBERT
HALBERT AND
LEE Fawcett
SONORA, TEXAS**

\$2,000 to Martin Corn, Roswell, N. M. Joe and Dan Weedon, Grosvenor, had the reserve champion female, Dorris 26th, a daughter of JFG Domestic Mischief. She sold for \$1,800 to R. R. Woodward, Sabinal, Texas. Corn also paid \$1,500 for a daughter of Bullion Mischief 4th consigned by Sheffield and H. J. Hurst, Port Neches, Texas, paid a similar price for NC Donna Mischief, also a daughter of Bullion Mischief 4th, consigned by Ollie Newman, Mart, Texas.

Walter Britten was the auctioneer.

Texas Polled Hereford News

By HENRY FUSSELL, Secretary
Texas Polled Hereford Association

NEXT event on the agenda of the Texas Polled Hereford Association will be at San Antonio, February 19 and 20. Breeding classes of Polled Herefords will be judged on Tuesday, February 19, under the very capable eye of Al Darlow, Stillwater, Oklahoma.

The San Antonio show is growing each year, and is destined to be one of the major shows of the Southwest. Will be looking for you at San Antonio, Texas, February 19 and 20. The Gunter Hotel, San Antonio, Texas, will be Polled Hereford headquarters during the exposition.

The Brown County Polled Hereford Breeders sale held on January 19 was again a great success. Sixty-six head passed through the sale ring for an average of \$1,030. Carl Sheffield, Brooksmith, Texas, produced the top selling animal, C. Domestic Mischief 11th, which was purchased by W. C. Strode, Greeley, Colorado, for \$6,050.

Claude McInnis, Byrds, Texas, consigned an N. M. Mitchell bred junior yearling heifer, N. M. Miss Real, which was purchased by R. R. Woodward, Sabinal, Texas, for \$2,000. You may see the full breakdown on the sale in another section of this magazine.

Elo Michaelis, Wingate, Texas, advised he has purchased a 3,200-acre spread about four miles north of Fayetteville, Arkansas, and will move his Polled Hereford herd to the new place about the middle of March. He is offering his 1,600-acre place at Wingate for sale. Michaelis advised that he will continue to be active in Texas Polled Hereford circles.

A call for entries for the Marshall, Texas, Polled Hereford Association show and sale to be held March 28 and 29 has been sent out, with deadline for entries February 9. There will be cattle in the Marshall show and sale from Arkansas, Oklahoma and Texas. The show and sale committee for this event, composed of Suel Hill, Hugh H. White and Jack Rowland, has been very active, and advise they look for one of the biggest shows and sales the T. P. H. A. has ever put on.

Glenn Bratcher, Stillwater, Oklahoma, has accepted the assignment to judge the breeding classes in the Marshall T. P. H. A. show on March 28. Col. Walter Britten, College Station, Texas, will cry the sale on March 29. Remember, entries for the Marshall, Texas, Polled Hereford show and sale close on February 9.

Will be looking for you at San Antonio February 19 and 20, and Marshall, Texas, on March 28 and 29. Watch those Polled Herefords March!

I have seen your publication The Cattleman and became interested. Having seen and read it thoroughly I would like to start my subscription for one year. I have looked extensively for a magazine like yours. D. W. Meade, Houston, Texas.

World's Champion Calf Roper

★ DON McLAUGHLIN ★

Don McLaughlin wears and recommends our beautiful, custom creased, top quality felt hat. Don says: "It's a good-looking hat that I am proud to wear in any rodeo arena in America. This hat can really 'take it' when the going is tough. Try one. I believe you will like it, too."

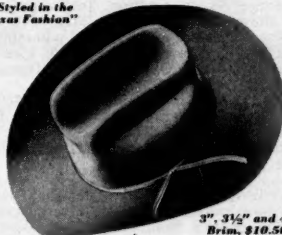
We offer this hat in the popular colors . . . Silver Belly, Gold, Azure Blue, Mink Brown and Light Tan. A double two-cord band adds to the attractive general character of this western masterpiece. Treated with DuPont Aridex water repellent to give the ultimate in protection against moisture. Row edged. Brim sizes: 3", 3½" and 4". Choice \$10.50 postpaid.

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3", 3½" and 4"
Brim, \$10.50
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Don McLaughlin and one of his admirers are both wearing hats from the Ranch Room. We offer kids real western hats (size 6 to 6¾) in Brown and Belly only (3-inch brim), at \$7.50.

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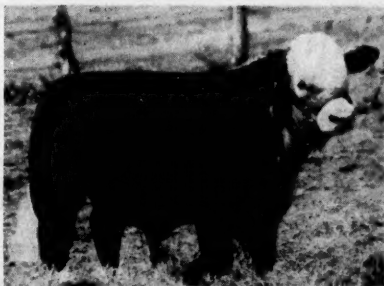
Send the following, for which I enclose check or M. O.

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NAME _____, CITY _____

ADDRESS _____, STATE _____



GHR RETURN MISCHIEF 23rd

GHR RETURN MISCHIEF 23rd

6616374

Calved January 3, 1951

Advance Return	{ Flat Top Return	{ R. Prince Domino R 164th
	{ Blanche 53rd	{ Princess Domino E 136th
GHR Lady Wood 401st	{ Advance Woodrow 6th	{ Advance Domino B
	{ Miss Lucie 1st	{ Blanche Mischief 37th
		{ Woodrow 29th
		{ Duleie Mischief 136th
		{ Beau Bonnie 136th
		{ Miss Lucie G

Gollihar Hereford Ranch

12 MILES NORTH OF WHITNEY, TEXAS

Breeders of
DOUBLE STANDARD POLLED HEREFORDS

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Blum 42F2

TOP HERD SIRE PROSPECT

HE IS FOR SALE

This outstanding individual is offered for sale at the ranch at private treaty. We invite your inspection.

Jack Haley Hereford Dispersion**SUMMARY**

22 bulls	\$114,600; avg.	\$5,209
59 females	156,025; avg.	2,644
81 head	270,625; avg.	3,341

JACK HALEY, movie, stage and radio comedian, bowed out of the Hereford business January 8 before a standing room only audience to the tune of more than a quarter of a million dollars.

Featuring the offering were MW Larry Domino 200th, Register-of-Merit sire, and NHR Gertrudis 10th, Register-of-Merit female. Both sold at top prices.

MW Larry Domino 200th, by MW Larry Domino 44th, he by Larry Domino 50th, sold for \$39,500 to Greenhill Farm, Tulsa, Okla., owned by Jim Sharp, after a spirited bidding battle.

NHR Gertrudis 10th, by Reliable Domino 95th, with a bull calf by the "200th" at side, sold for \$11,600 to Grant Morrey, Joseph, Utah.

George Nance, Canyon, Texas, took a fancy to Haley's Gertrudis 3rd, by Melrose Princeps and bid her in at \$10,500. She was bred to Haley's Larry Domino 22nd.

Nance had also been a contending bid-

der on Haley's Gertrudis by MW Larry Domino 200th, but she sold at \$10,200 to Merle Soultz, Soultz Farm, Tulare, Cal.

A. W. Thompson and Charles Adams were the auctioneers.

XIT Hereford Breeders Show and Sale

THE Meeks brothers, Alfred and Robert, of Dalhart County, stole the limelight at the XIT Hereford Breeders Association show and sale held at Dalhart January 22 when they showed both grand champions and one of the reserve champions. Alfred Meeks showed the champion bull, Baldwin Aster 55th, while Robert Meeks had the grand champion female, Lady Mixer 247th, and the reserve champion bull, Baca R Domino 198th. Ollie Leighton, Clayton, N. M., showed the reserve champion female, LHR Sally Domino 1st.

The reserve champion bull topped the sale, selling at \$2,800 to Ollie Leighton & Son, Clayton. Herschel Davidson, also of Clayton, paid \$2,200 for the champion bull.

George Nance, Canyon, Texas, judged the show and backed his judgment by paying \$1,500 for the grand champion female. The reserve champion female sold for \$650 to Derrick Ranch, Dumas, Texas.

The 111 head in the sale averaged \$621, with 95 bulls averaging \$643 and 16 females averaging \$484.

Jim Hoover & Son, Sterling, Colo., were the auctioneers.

Write for information about the Texas and Southwestern Cattle Raisers Association, Henry Bell, Sec'y, Fort Worth.

Hereford Transactions

J. A. Queen, Big Lake, Texas, reports the sale of 17 Hereford cows to P. H. Coates, Big Lake.

Sommers Bros., Washington, Texas, report the sale of eight Hereford cows to S. A. Brewster, Houston, Texas.

Dr. Charley E. Wysong, McKinney, Texas, purchased 30 Hereford cows at a sale by Mrs. Louis Sikes, Wichita Falls, Texas.

Twenty Hereford bulls have been sold to Brown & Tovrea, Dalhart, Texas, by Pronger Bros., Stratford, Texas.

H. V. Dulick, Grand Prairie, Texas, is the new owner of seven Hereford heifers purchased from G. C. Martin, Cleburne, Texas.

W. T. Janes, Marfa, Texas, transferred three Hereford bulls, 32 cows and six heifers to O. E. Grubb, Fort Davis, Texas.

F. B. Rooke & Sons, Woodsboro, Texas, report the purchase of 15 Hereford bulls from J. D. Shay, Refugio, Texas.

Carl Wimberly, Dawn, Texas, sold eight Hereford cows to R. M. Allred, Amarillo, Texas.

Thirty-two Hereford heifers and one bull made up the sale by Clyde & Ed Latham, Dalhart, Texas, to Frank H. Peterson, Blue Springs, Texas.

Earl & Robert Sander, Tremont, Ill., are the new owners of nine Hereford heifers which they purchased from W. R. Johnson, Jacksboro, Texas.

Renfro Bros., Hereford, Texas, transferred nine Hereford heifers to Olen Caviness, Raton, N. M.

W. T. Montgomery, San Antonio, Texas, has shipped 13 Hereford bulls from his herd to El Seven Ranch, Garwood, Texas.

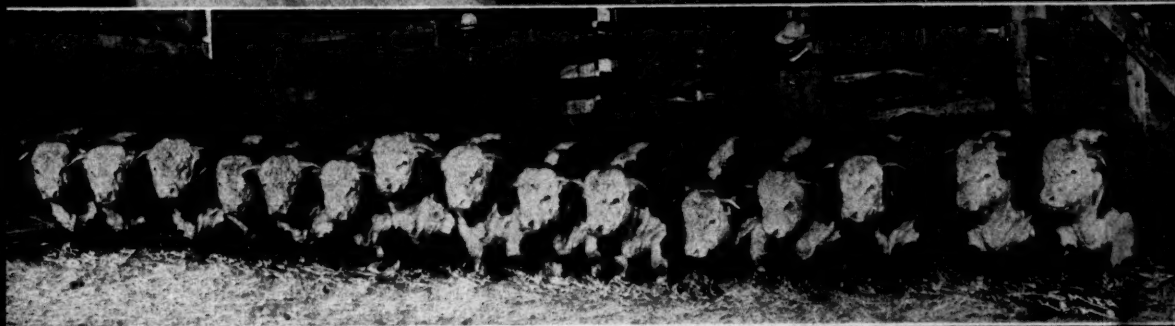


Texas POLLED HEREFORD Assn. SHOW and SALE MARSHALL, TEXAS MARCH 28 and 29

*Cattle consigned from Texas, Oklahoma and Arkansas. This is the
place to buy quality Polled Hereford . . . herd sire
prospects and replacement females.*

See the March issue of The Cattleman for full details.

★ For catalog and further information, write Henry Fussell, Secretary
3337 Hanover St., Dallas, Texas



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CKY MOUNTAIN
Stanley

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ALVIN GUIFI
Mokelumne Hill

H.F.C.

LAND AND
Minden

GEORGE CURETON
Lordsburg

COMAN SHEAR

Alice

DEEP CREEK RANCH
San Saba

Wyoming Hereford Ranch
Cheyenne

4-B Ranch, Tallulah, La., purchased 19 Hereford bulls and 12 heifers from Halbert & Fawcett, Sonora, Texas.

At a sale by Edward Stein, Fredericksburg, Texas, Gus Grabow, Brenham, Texas, bought two Hereford cows and seven heifers.

Twenty-four Hereford cows were purchased by C. F. Lambert, Millet, Texas, from J. W. Cook, Moore, Texas.

R. A. Halbert, Sonora, Texas, shipped 10 Hereford bulls to 4-B Ranch, Tallulah, La.

Twenty-six Hereford bulls have been sold to Boquillas Cattle Company, Seligman, Ariz., by Clyde & Ed Latham, Dalhart, Texas.

Fred Kebelman, Weatherford, Texas, reports the sale of 10 Hereford heifers to David M. Beatie, also of Weatherford.

Thirty Hereford heifers have been shipped to M. E. Jones, Alma, Ga., by Gus Farrar, Maryneal, Texas.

E. L. Kelley, Hondo, Texas, transferred seven Hereford cows to E. E. Kollman, also of Hondo.

Curtis L. Evans, Meridian, Texas, bought seven Hereford heifers from the herd of Cureton Bros., also of Meridian.

Thirty-seven Hereford heifers made up the sale by Max A. Blau, Booker, Texas, to E. L. Weinnett, Booker, Texas.

V. E. Miller, Pontotoc, Texas, reports the purchase of five Hereford cows and a heifer from L. O. Dahlberg, Melvin, Texas.

Jim Gill, Coleman, Texas, transferred 11 Hereford cows to Dr. J. H. Kniseley, New Paris, Pa.

Raymond Nelson, Miami, Texas, made

the sale of five Hereford heifers to Frank M. Chambers, Canadian, Texas.

The R. P. Lucas Est., Berclair, Texas, sold 12 Hereford bulls and 11 heifers to H. K. Ranch, Jacksonville, Ore.

D. G. Talbot, Fort Worth, Texas, is the new owner of 20 Hereford bulls purchased from E. S. Pritchard, Dalhart, Texas.

Twelve Hereford heifers became the property of Woodfin Bros., Paris, Texas, when they were purchased from M. L. Smiley, Brookston, Texas.

W. H. Hammon, Wichita Falls, Texas, shipped 25 Hereford heifers to A. H. Karpe, Bakersfield, Calif.

Double L Ranch, Cresson, Texas, sold 26 Hereford heifers from their herd to Joseph G. O'Bryan, Hiattville, Kans.

James T. Windham, Midland, Texas, reports the purchase of six Hereford bulls from Seth Campbell, Kermit, Texas.

F. Ray Owens, Dripping Springs, Texas, bought one Hereford bull, three cows and two heifers from Russell A. Fisher, Courtright, Ontario, Canada.

Keller & Brown, Dublin, Texas, sold two Hereford bulls and four heifers to West Haven Farm, Camilla, Ga.

Winston Bros., Snyder, Texas, report the sale of 18 Hereford bulls to Gen. Antonio Guerrero, Chihuahua, Mexico.

S. P. Lyles, Cheneyville, La., purchased five Hereford bulls, 10 cows and 10 heifers from Webb Bros., Guion, Texas.

Sam Swan, Merkel, Texas, shipped 18 Hereford heifers to Otha H. Grimes, Tulsa, Okla.

R. A. Greenfield, Fort Worth, reports the sale of GHR Beau Brummel 2nd, a son of Prince Beau Brummel, to Ballard Godwin, Kaufman, Texas.

J. D. Dulaney, Sweetwater, Texas, reports the sale of 11 Hereford bulls and 11 heifers to Dorbandt & Ross, also of Sweetwater.

J. H. Withers, Sweetwater, Texas, recently purchased seven Hereford bulls from J. N. Dulaney, Sweetwater.

C. R. Martin, Llano, Texas, recently shipped seven Hereford heifers to F. E. Crosslin & Son, Eagleville, Tenn.

Shirley Moore Turner, Minden, La., reports the purchase of two Hereford cows and three heifers at a sale by Marvin Reinhardt, Jr., Fort Worth, Texas.

Six Hereford heifers, five cows and one bull have been sold to L. O. Moore, Bryson, Texas, by W. J. Sharp & Son, Childress, Texas.

T. E. Smith, Marfa, Texas, shipped 10 Hereford bulls and three heifers to Lorenzo Quevedo, Chihuahua, Mexico.

Arlidge Ranch, Seymour, Texas, sold 15 Hereford cows to Ira Johnson, Lebanon, Tennessee.

Guy Campbell, Richland, Texas, is the new owner of five Hereford heifers purchased from H. A. Burtleson, Wortham, Texas.

Forty Hereford heifers made up the sale by W. H. May, Wilson, Texas, to Hutchinson-Durham Hereford Ranch, Tahoka, Texas.

W. W. Steel, Stratford, Texas, sold seven Hereford heifers at a sale recently to A. C. Cleavinger, Dalhart, Texas.

Ada G. Conring Ranch, Valentine, Texas, purchased 11 Hereford heifers from W. T. Jones, Marfa, Texas.

Twenty-eight Hereford bulls were sold recently to L. J. Holland, Reno, Nev., by Mrs. Jim Barrow, San Angelo, Texas.

Nine Hereford heifers have been shipped to Lost Horn Ranch, Ellaville, Ga., by Claude McInnis, Byrds, Texas.

Alamo Farms, San Antonio, Texas, transferred nine Hereford heifers to Tom J. Moore, Navasota, Texas.

Thanks

Thanks to J. P. McNatt, Greenville, Texas, for his selection of 15 yearling heifers, and to Dr. John King, Waxahachie, Texas, for his purchase of 19 bulls. Our best wishes go with these good Herefords, and we sincerely hope they do a top job for their new owners.

We would be pleased to have you pay us a visit any time and see our herd—you are always welcome.

F.D. JONES HEREFORD

RHOMB RANCH TEXAS



OUR HERD SIRE

IS

PROUD MIXER'S HEIR

We are building our herd around
this grandson of the great
WHR Proud Mixer 21st



VISITORS WELCOME

BLOCKED L RANCH

BRYSON, TEXAS

L. O. MOORE and W. G. STAMPER, Owners

Tomie Potts, Memphis, Texas, reports the sale of seven Hereford cows to P. E. Rogers, Somerville, Tenn.

M. O'Connor, Est., Victoria, Texas, purchased 14 Hereford bulls from Chas. Pettit, Walnut Springs, Texas.

G. E. Nance, Canyon, Texas, shipped five Hereford bulls, four cows and three heifers to Harry Rosenthal, Mamaroneck, N. Y.

Elmwood Farm, Orange, Va., has purchased 15 Hereford heifers at a sale by Halbert & Fawcett, Sonora, Texas.

Chas. Pettit, Walnut Springs, Texas, recently made the sale of 22 Hereford heifers to M. H. McMurrey, Tyler, Texas.

From Waxahachie, Texas, J. D. Kirven reports he sold five Hereford heifers and eight bulls to Dr. John D. King.

Willis Yates, Winters, Texas, is the new owner of 11 Hereford bulls and one cow purchased from H. F. Lehman, Winters, Texas.

The sale of thirty-seven Hereford cows has been reported by W. J. Lytle, San Antonio, Texas, to G. W. Scrimshaw, also of San Antonio.

Thirty-two Hereford heifers changed hands recently when they were sold by Spade Ranch, Colorado City, Texas, to Frank M. Chambers, Canadian, Texas.

R. C. Green, Rector, Ark., has purchased 10 Hereford heifers from J. A. Jackson, Malakoff, Texas.

Bryant Edwards, Henrietta, Texas, recently shipped seven Hereford bulls to Earl Q. Gray, Ardmore, Okla.

John Fain, Amarillo, Texas, bought 12 Hereford bulls from Alfred Meeks & Sons, Dalhart, Texas.

Purchase Rates Set for 1952 A-E

Cotton

THE purchase rate for Grade 1, one and one-half inch staple, 1952-crop American-Egyptian cotton will be \$110.20 per hundredweight in the New Mexico-West Texas area, according to Marshall O. Thompson, extension cotton marketing specialist at New Mexico A&M College.

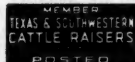
The rate for Grade 2, one and one-half inch staple, usually considered the base quality for A-E cotton, will be \$107.30.

Thompson points out that purchases will be made from Aug. 1, 1952, through April 30, 1953. To be eligible for purchase, the cotton must be represented by negotiable warehouse receipts issued by a warehouse approved by CCC, must have been produced from Amsak and Pima 32 varieties of American-Egyptian cottonseed, and must have been ginned on a roller gin.

The following table shows the purchase rates by qualities per hundredweight for 1952-crop Amsak and Pima 32 varieties of eligible American-Egyptian cotton in the New Mexico-West Texas area:

Grade	1 1/2" Staple	1 1/2" & Longer Staple
1	104.45	108.75
1 1/2	103.05	107.30
2	100.15	104.05
2 1/2	94.75	100.15
3	88.75	95.90
3 1/2	81.60	87.35
4	74.50	77.30
4 1/2	66.95	70.25
5	60.20	63.05

Get
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Up . . .



Keep
Theft Losses
Down!

A Summary of Mesquite Control Trials on the New Mexico College Ranch

By J. J. NORRIS

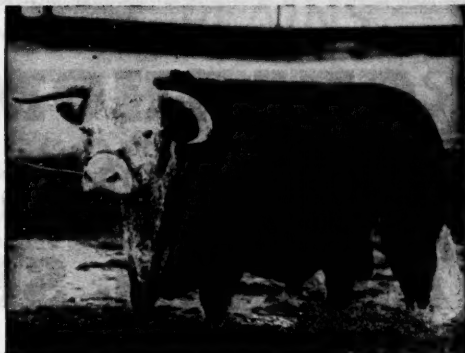
THE fact that mesquite is invading and gradually reducing the productivity of our range lands has been pointed out on numerous occasions, but it is a fact which cannot be over-emphasized. In many instances this invasion is so slow that it goes on unnoticed until the carrying capacity of the range is greatly impaired and the problem of control has become a job of major proportions. As you may have observed in riding over the College Ranch to this point, we have a lot of mesquite and we recognize that it isn't putting much beef

on the calves. Many of you have observed similar situations in other parts of the state and our neighbors in adjoining states as well as facing the problem of mesquite taking over their grasslands.

As a rough example of what mesquite invasion can do to the grass production, we have found that this type of grassland with only a light infestation of mesquite produced 436 pounds of grass per acre. A site similar in all respects except that it had a heavy stand of mesquite produced only 53 pounds of grass per acre. This means that we stand to lose a productivity of around 380 pounds of forage per acre as the light stand of mesquite approaches a heavy stand. Limited studies on rates of mesquite increase have shown that, in areas where mesquite trees are producing seed, the number of plants increased 147 plants per

DL DOMINO

His grandsons
sell March 15th
Daingerfield, Tex.



WANTED TO BUY

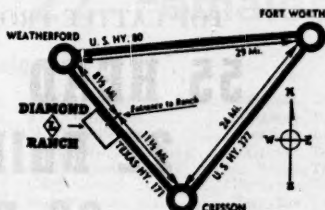
A number of top quality Hereford cows. Must be good ages with popular bloodlines.

At Northeast Texas Hereford Sale, Daingerfield, Texas,

MARCH 15

We will sell 6 grandsons of DL Domino—Plan to attend this sale and see our offering.

VISITORS
ALWAYS WELCOME
HERE



Diamond

REGISTERED
HEREFORDS

FRED M. LEGG III, Owner
Route 2, Weatherford, Texas
Phone: Weatherford 123



Ranch

MIDWAY BETWEEN WEATHERFORD and CRESSON on TEXAS HWY. 171

acre in a period of 7 years. In view of these findings we can expect heavy losses in the production of grass forage and declining carrying capacities unless we do something about the mesquite immediately.

Since 1947 we have been testing many of the recently developed herbicidal chemicals to determine their value for controlling mesquite. The majority of these tests have been on a small scale basis with 20 to 60 plants in a test. Results have shown that the esters of 2,4,5-T are superior to other herbicides tested for mesquite work. This chemical at rate of 0.2 per cent in water applied as a foliage wetting spray has produced 90 to 100 per cent top kills. Complete kills, which means that no sprouting has occurred, have run as high as 94 per cent in a few instances although the average

is around 40 per cent. Lower concentrations than the 0.2 per cent have not been effective and higher concentrations have not produced sufficiently greater kills to justify the additional chemical costs.

One important point which has developed from this work is that complete coverage of the foliage on the plant is essential. We find that when portions of branches are not sprayed these parts continue to grow and we have yet to see such a plant die.

Treatments applied on the first and middle of the month from mid-May through August have shown that the best time to spray is early in the growing season. May and June treatments have produced up to 75 per cent complete kills. As the season progressed, the percentage kill decreased to near zero in August. These results indicate that treatment

should be carried out at about the time the plants reach the full leaf stage but before the leaves begin to mature and harden.

Some rather striking differences from year to year have shown up apparently as a result of rainfall differences. Some of our best mesquite kills followed treatments in 1949 when the site received 2.86 inches of precipitation between January and the spraying date in May. During 1950 the total precipitation during the same period was only 0.16 inches and all treatments produced poor results. These differences are not surprising since all experiments with these herbicidal chemicals have shown that best results occur when plants are in a condition of rapid and vigorous growth at the time of treatment. To us it means that we won't plan to do much spraying after a dry winter and spring, but will attempt to concentrate on mesquite control work in the more favorable years.

The addition of various types of oil to 2,4,5-T and water spray mixtures have been tested. Results to date have been variable, although there are some indications that the addition of small amounts of non-toxic oils is beneficial. Toxic oils such as diesel or kerosene appear to cause leaves to drop before the 2,4,5-T has had time for complete action. Continued studies along this line are planned to determine suitable spray mixtures for our conditions. We have also been working on stem base treatments of both cut and uncut stems, but so far the results have not been encouraging. One small series of stem base treatments applied in mid-winter when the plants were dormant looked good enough for further trials. This type of treatment may become especially valuable since the work can be carried on in what is normally a rather slack season in the ranch work.

Limited large scale treatments have been applied during the past two years. These treatments were confined to ground spraying operations using a pick-up mounted spray machine. This type of operation appears to be quite effective on light to medium stands, but with heavy stands too much time is required in spraying individual plants and it is often difficult to drive through such areas. In these instances, airplane spraying is the only answer. Five blocks of about 4 acres each were treated in 1950 and top kills of around 90 per cent resulted. Sprouting, however, was heavy and recent checks showed a complete kill of only about 30 per cent. These rather poor results were due, in part at least, to the extremely dry spring of 1950. A block of 33.5 acres containing 125 plants per acre was treated in June of this year using 0.25 per cent 2,4,5-T in water and applying 7.5 gallons of the spray mixture per acre. Cost of the chemical was 46 cents per acre and with a pick-up and three-man crew, the operation required 0.9 man hours and 0.3 equipment hours per acre. Total estimated costs are from \$1.50 to \$1.75 per acre, depending on labor costs and charges for the equipment. Recent checks showed top kill approaching 100 per cent, complete kills ran to 68 per cent. About 11 per cent of the plants were sprouting and the remaining 23 per cent were recorded as complete or partial misses. These results look good right now but are tentative only since sprouting has been observed for as long as three years after treatment.

In view of the erratic results obtained from chemical spray treatments, we continue to emphasize the desirability of

OKLAHOMA

HEREFORD BREEDERS ASSOCIATION

ANNUAL SALE

OKLAHOMA CITY, OKLA.

MONDAY

MARCH 17th

1952

TOP CATTLE FROM TOP HERDS

55 HEAD

22 Bulls

33 Females

Watch Next Issue for Consignors and Full Details

MOSS PATTERSON, President

A. E. DARLOW, Secretary

GLEN BRATCHER, Sales Manager

working on light stands of small mesquite plants with mechanical methods. The grubbing hoe still appears to be the most effective and economical method in this respect and we hand grubbed a 200-acre block containing 6½ plants per acre this year. This operation required 0.2 man hours per acre. Some checks on a 400-acre area grubbed last year showed 8 per cent of the plants missed and 7 per cent resprouting as a result of shallow grubbing. These findings show the need for care in locating all of the small plants and grubbing sufficiently deep to remove the potential sprouting tissue. In both of these areas the large plants were left for spot cleanup with sprays. Such a practice appears to be an economical means of combating the invasion of mesquite in its early stages. When mesquite forms a heavy stand with many large plants then hand grubbing is out of the question because of the labor costs. However, it may still be a valuable follow-up method for use on sprayed areas.

In summation, we believe that 2,4,5-T offers considerable promise for controlling mesquite. To date our findings indicate that around 0.2 per cent of the 2,4,5-T in water applied as a foliage wetting spray will do a good job. It appears highly important that all leaves on a plant be covered with the spray if maximum effect is to be obtained. The best season to treat is in May or June at about the time the trees come into full leaf. Better results have followed treatments during years with good rainfall in the spring and we recommend that the work be concentrated during such years. Hand grubbing is the best method for eradicating invading stands of small mesquite and much attention should be paid to this type of work.

Shorthorns Sell Well at Denver

THE wide demand for good Shorthorn feeder calves was reflected in the sale of feeders at the National Western Stock Show in Denver January 17.

Nine lots of Shorthorn cattle, all steer calves, brought the average of \$47.10 per cwt. Steer calves of all breeds averaged \$43.99, while the entire sale of 106 loads averaged \$42.04.

Winning the grand championship of this world's top stocker and feeder competition for the third time in four years was the extremely choice consignment of Josef Winkler, of Castle Rock, Colo. His 20 head of 435-pound calves sold to J. C. Thiezen, owner of ZK Ranch, of Osmond, Nebr., for \$81.00 per cwt.

His fifth place load sold as one package with the champions for \$20.00 less, or \$61.00. Also selling at \$61.00 was the load of Carnahan Brothers, Elbert, Colo., which went to E. T. Spillsbury, of Wasco Union High School, Wasco, Calif.

At last year's feeder auction, Winkler's champion load set a Denver show record when they sold for \$84.25.

Attracting great interest during the show was a load of blue roan calves consigned by Waldo E. Forbes, Sheridan, Wyo. They were out of Angus cows and sired by Shorthorn bulls. Forbes said the calves were superior foragers under all conditions, withstanding the rough Wyoming weather in better shape than straight-bred calves. They sold for \$39.75 on a commission company order.

Hugh Morris, Ainsworth, Iowa, whose Shorthorn fat loads have been champions at the International Live Stock Exposition many times, bought the 15th place load of the Carnahan Brothers for \$50.50 per cwt.

Jersey-Brahman Breeding Project

A NUMBER of first-cross calves have been born in the Jersey-Brahman breeding project being conducted by the Texas Agricultural Experiment Station. The ultimate goal of this work is a relatively true-breeding strain that possesses the inheritance for milk qualities of the Jersey and the inheritance for heat tolerance and other hardiness qualities of the Brahman.

Since heat tolerance itself cannot be measured, selection among animals for superior heat tolerance must be based on measurable factors that can be shown to be related to or involved in heat tol-

erance. Sampling techniques have been devised to estimate the average number of hairs per unit area of skin. These techniques were used to obtain estimates of hair density on 30 Brahman and 30 Jerseys.

Estimates for the Brahman ranged from approximately 7,790 to 24,200 hairs per square inch, with an average of 11,450. The range for the Jerseys was 3,320 to 9,040, with an average of 7,065.

An average respiratory rate determination was used as an index of heat tolerance. These respiratory rate figures were then correlated with hair density. The strong inverse relationship between the two variables shows that, on the average, as density of hair coat increases, average respiratory rate decreases.

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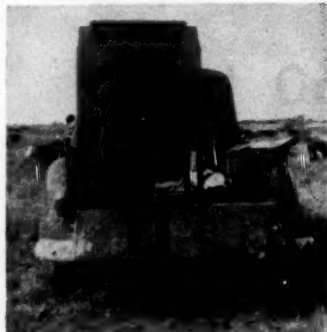
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Control of Poisonous Range Plants

ALTHOUGH about 40 species of range plants are known to be poisonous to livestock in Texas, only the more prominent ones are being studied by the Texas Agricultural Experiment Station for control measures at this time.

Bitterweed, rayless goldenrod, peavine, loco, garboncillo, groundsel and desert bailey are being treated with various concentrations of 2,4-D and 2,4,5-T.

Bitterweed control results with the weed-killers have been so irregular that no recommendations can be made.

A 99 per cent top kill of rayless goldenrod was obtained in 1950 with an application of one pound per acre of a 2-to-1 mixture of the esters of 2,4-D and 2,4,5-T, but final kill results of this perennial will not be known until after the 1951 growing season.

Work in 1950 indicates that soil type may influence the harmfulness of peavine to different classes of livestock. From 91 to 100 per cent kills of peavine were obtained with higher concentrations (4,000 parts per million) of 2,4-D, 2,4,5-T, and a combination of the two applied with hand sprayers. Treatment of larger areas with boom spray equipment did not give satisfactory kill.

When moisture was sufficient for good growth, 90 to 100 per cent kill of loco was obtained with one pound or more per acre of the esters of 2,4-D with high moisture application.

The best kill, 90 per cent or better, of garboncillo was obtained with a combination of the esters of 2,4-D and 2,4,5-T. About 50 per cent kill was obtained on areas machine-sprayed in March and April 1950.

The esters of 2,4-D and a combination of equal parts of 2,4-D and 2,4,5-T at concentrations of 4,000 parts per million gave excellent control of both Riddell's and wooly groundsel.

A good kill of desert bailey was obtained with a single treatment of 2,4-D in 1949, but not enough of the weeds were available in the experimental area in 1950 for the results to be confirmed.

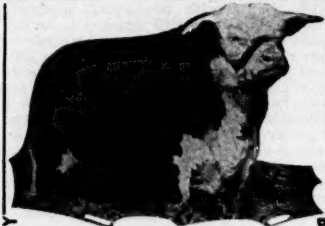
A study indicates that 2,4-D does not restrict the maturing of bitterweed seed; equal germination rates were obtained from seeds from treated and untreated plants. Although there was a slight decrease in the rate of germination of seeds from treated groundsel and loco plants, it is doubtful that chemical weed killers have much influence on the ability of these plants to reseed themselves.

Chemical control of some poisonous range plants is effective and practical. When applied to large acreages, the cost—depending on the chemical and concentration used—runs from \$2.00 to about \$4.00 per acre.

Lighter stocking, deferment of poor-condition ranges and isolation of hazard sites should be practiced along with chemical control if lasting benefits are to be realized.



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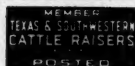
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Texas Livestock Markets' Review

Price Range at Fort Worth, Houston and San Antonio During Past Month

FORT WORTH Prices paid for mature cattle on the Fort Worth Livestock Market during January showed a downward trend. With the exception of a few days, supplies have been light. Compared with a year ago, receipts of cattle calves and hogs show a drop in numbers, while sheep and lamb receipts are a few thousand heavier than a year ago.

Recent sales of slaughter steers, yearlings and heifers were 50¢-1.00 lower than a month previous. Cows are mostly \$1.00-2.00 lower with some cutters off more. Most bulls are steady to \$1.00 lower, however cutter bulls are a little higher. Prime slaughter calves show a drop of \$1.00 compared with a month ago, but all other fat calves are strong to \$1.50 higher. Stocker steers and yearlings are steady to \$1.00 higher and stocker calves \$1.00-2.00 higher.

Good and choice beef steers and yearlings turned recently from \$29.00-33.50, with choice and prime grades at \$34.00 and \$34.25, latter price for 1,391 lb. weights. Some prime yearlings sold up to \$35.00. Utility and commercial steers and yearlings were reported from \$21.00-28.00, with cutters down to \$20.00 and less. The proportion of slaughter steers and yearlings the past two weeks has been larger than for several months.

Commercial and a few good cows sold early this month from \$25.00-26.00, but after the middle of the month commercial cows were selling from \$22.00-24.00, and utility cows from \$18.50-21.00. Cannerns and cutters cleared mostly from \$13.00-18.00, some shelly cannerns under \$13.00. Early in the month commercial bulls turned from \$27.00-28.25 and recent sales from \$26.50 and \$27.00. Cutter and utility bulls are going from \$19.00-25.50. Good and choice slaughter calves cleared recently from \$29.00-33.00. Utility and commercial calves sold from \$21.00-29.00 and culls \$18.00-21.00.

The demand for stockers and feeders has been broad in spite of the dried up pastures in Texas. Medium and good stocker and feeder steers and yearlings moved out from \$25.00-31.00. Choice feeders mostly \$31.00 and \$31.25 and yearlings to \$32.00. Common stockers ranged down to \$24.00 and less. Stocker cows are selling largely from \$19.00-24.00 and a load of young cows at \$26.50. Medium

and good stocker calves moved from \$25.00-32.00, some choice heavy calves to \$33.50 and some under 350 lb. weights to \$35.00.

Recent sales of butcher hogs and sows were \$1.00 lower than a month previous. Feeder pigs were steady. Choice butchers on the local market sold up to \$19.00 each day during the first nine days of the month, then gradually dropped to \$18.00. The local packer top on January 18th was \$17.75 or the lowest since May, 1950. Choice 180-270 lbs. turned recently from \$17.75-18.00 and choice 150-175 lbs. from \$16.00-17.50. Choice 280-400 lbs. sold from \$16.50-17.50. Sows from \$14.00-15.00 and feeder pigs from \$10.00-14.00.

Practically all sheep and lamb prices recently were steady with a month previous. Slaughter lambs have been more plentiful than other classes. Utility to choice shorn slaughter lambs turned from \$26.00-27.50 and wooled slaughter lambs from \$27.50-28.00. Utility to choice slaughter yearlings ranged from \$17.50-22.00 and cull to good slaughter ewes from \$10.00-14.00. Common to good feeder lambs are moving mostly from \$18.00-26.50.

SAN ANTONIO Generally lower prices marked cattle trading on the San Antonio market during the year's opening month. Slaughter calves were the only exception. Slaughter steers and yearlings were 50¢-1.00 lower with instances \$1.50 off. At the end of the third week of the period, cows were \$1.00-1.50 down. Bulls ruled 50¢-1.00 lower, slaughter calves were \$1.00-1.50 lower and stocker yearlings mostly 50¢-1.00 lower. Stocker calves were steady to \$1.00 higher.

Slaughter steer and yearling trade disclosed loadlots choice 940-1270 lb. averages at \$34.00, and three loads choice and prime around 1050 lb. experimentally fed steers at \$34.50. The same price took choice and prime 800-850 lb. club yearlings. Commercial and good 650-800 lb. yearlings moved at \$27.00-31.00. Loadlots utility 1175-1250 lb. steers cashed at \$23.50-26.50.

Utility cows spread from \$20.00-25.00 with occasional commercial at \$26.00-26.50. Cannerns and cutters turned \$14.00-21.00. Utility and commercial bulls sold at \$24.00-27.50, odd head commercial and

good at \$28.00-28.50. Cutter selections brought \$22.00-23.00.

Good and choice slaughter calves earned \$29.00-32.25. Commercial commanded \$26.00-30.00, utility \$21.00-25.50.

Good and choice whiteface stocker calves sold at \$30.00-34.00, bulk at \$32.00 down. Medium calves and yearlings scored \$24.00-27.00 and included Brahman type at \$27.00-28.00. Good around 450-500 lb. stocker yearlings claimed \$30.00-31.00. A load good and choice 445 lb. feeder yearling reached \$34.25. Common and medium stocker cows earned \$20.00-24.00. Medium and a few good 1,000 lb. stocker steers cashed at \$28.50.

In the swine division, butchers 160 pounds and down were unevenly 50¢-1.00 lower at the close of the third week of the period. Other butchers and sows were mostly 50¢ lower. Feeder pigs ruled \$1.00-1.50 lower. Good and choice 180-270 lb. butchers moved at \$18.00-18.50 with 140-160 lbs. at \$15.50-17.50. Bulk of sows earned \$16.00-16.50. Good and choice 70-125 lb. feeder pigs claimed \$14.50-15.00, with 100-120 lbs. at \$16.00.

Loadlots choice and prime 82 lb. club lambs commanded \$27.75, with the bulk good and choice moving at \$26.00-27.00. Loadlots good and choice 94-100 lb. No. 3 pelt wethers made \$15.25-15.75. Bulk cull and utility wooled ewes earned \$10.50-13.00. Medium and good 55-65 lb. feeder lambs cashed at \$20.00-25.50. A few loads good and choice 83 lb. fleshy feeders took \$26.50-27.50.

Medium Angora goats in the hair claimed \$13.50-14.00. Medium Spanish type and recently-shorn Angoras sold at \$12.00-13.00. Cull and common took \$11.00-11.50. Kids sold generally at \$6.50-8.50 per head.

HOUSTON Trading was very spotted at the Port City Stockyards during the past four weeks. Some activity was noted in the slaughter cow division when outside buyers were on the market, but as a rule, the demand was rather narrow. Slaughter calf buyers were not needing supplies badly and only good and choice grades sold well. Stocker calf buyers showed some increased interest the last two weeks of the period.

Only small lots and odd head of slaughter steers arrived and bull receipts were scattered. Slaughter cows were not plen-

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tiful but comprised the bulk of the grown cattle receipts. Slaughter calves were plentiful during the first week of the new year and some fed calves were present. Stocker calves were rather limited in numbers.

The total salable receipts for the period amounted to approximately 2,368 cattle and 7,836 calves or only about 50 per cent of the numbers offered during the previous month. During the corresponding month of 1951, 2,064 cattle and 6,424 calves came to market, indicating a gain of about 20 per cent for the current month in comparison.

Weak to lower prices prevailed for slaughter classes while stocker calves made some price gains. Slaughter cows closed about \$1.00 under prices reported

in the preceding report. Slaughter calves were off \$1.00-2.00 at mid-month with good and choice grades regaining part of the loss. Whiteface stocker calves sold at steady prices most the time but advanced \$3.00 in the final week. Brahman and cross-bred type calves about \$1.50, in gradual climbs. The few steers on offer graded mostly utility and brought around \$27.00. Utility and commercial slaughter cows closed from \$20.00-26.00, and canner and cutter grades from \$15.00-20.00. Cutter to commercial bulls held steady, going from \$22.00-28.00. Good and choice slaughter calves realized \$31.00-33.00 in late deals but the top during the middle of the month was around \$31.00. Utility and commercial sold generally from \$25.00-30.00 with cull

grade from \$19.00-24.00. Late splunges saw medium and good white-face stocker calves go from \$30.00-33.00, with Brahman and cross-breds from \$27.50-28.50. The few stocker cows ranged from \$20.00-25.00.

Colorado Dairy Day to Feature Grassland Farming

COLORADO'S sixth annual Dairy Day, February 20, at Colorado A. & M. College at Fort Collins will stress dairying and grassland farming, report H. A. Sandhouse, dairyman for the College Extension Service, and E. K. McKellar, assistant professor of animal husbandry in charge of dairy production at A. & M.

At the sessions, set for the Student Union ballroom, dairymen representing the industry and work of educational institutions will speak. The meeting begins with registration at 9:30, with the program starting at 10 a. m. Joint sponsors are Colorado A. & M. and the Purebred Dairy Cattle Association of Colorado.

Speakers will include Dr. Phillip Kelly, head of the dairy department, University of Nebraska; Ward K. Holm, Denver, secretary, American Dairy Association of Colorado; and Colorado A. & M. President W. E. Morgan.

The work of the Colorado A. & M. Experiment Station with regard to assistance to the state's dairy industry will be discussed by Dr. S. S. Wheeler, director. Avery Bice, economist for the A. & M. Extension Service, will outline the outlook and trends in the dairy business; R. H. Tucker, Extension agronomist, will explain developments in irrigated pastures; and Harry Sitler, agricultural economist for the USDA's BAE, stationed at A. & M., will take on findings of a survey of irrigated pastures in northeastern Colorado in which the forage production of the pasture was studied.

Dr. I. E. Newsom Named to Army Advisory Group

DR. I. E. NEWSOM, former dean of the School of Veterinary Medicine and president emeritus of Colorado A. & M. College, has been named to an advisory group to the veterinary division of the Army medical service graduate school. The purpose of the group is to prepare an estimate of expense for 1952.

Military veterinary responsibilities include the inspection and control of foods of animal origin in order to protect the health of troops, the prevention and control of the diseases of animals communicable to man as they affect military populations, the care and treatment of military animals and the preventive veterinary medical aspects of biological warfare.

The group to which Dr. Newsom has been named includes both civilian and military authorities on the subject of veterinary investigation, education and preventive medicine.

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Range News of the Southwest



Texas

Cured range and pasture feed supplies dwindled as drouthy conditions continued to plague practically the entire state. Over the western two-thirds of the state many ranges are practically bare and supplemental feeding of roughage, cottonseed cake, and range cubes was necessarily heavy. In relatively favored areas along the coast and in East Texas, which received about half normal December rainfall, oats, winter grass and clovers were supplying some green feed. In the northwest, lack of rain and cold weather have checked development of wheat pasture. Because of the short top growth and hazard of wind erosion, cattle were already being taken off some wheat fields. A large tonnage of hay and roughage was being trucked into central and western counties. Cottonseed cake and range cube stocks were sufficient for current local needs. Condition of all range feed declined more than the seasonal average during December and was reported at 63 per cent on January 1. This is the lowest condition rating reported at this season for the 30 years for which records are available, except for 52 per cent reported on January 1, 1935. A year ago the condition was 71 per cent and the 10-year average 78 per cent.

Heavy supplemental feeding has maintained cattle in fair flesh on most farms and ranches, but cattle depending entirely on the short range feed were thin. Most herds have been culled down to the number to be taken through the winter. Condition of cattle was reported at 75 per cent on January 1. A year ago condition was reported at 78 per cent and the 10-year average is 81 per cent.

Ewes were going through the winter in generally poor condition. Dry range feed is very short over the main sheep country, and the extended drouth has checked growth of all winter weeds and grass in most of that area. Losses to date, however, have been relatively light. Condition of all sheep and lambs was reported at 71 per cent on January 1. A year ago the reported condition was 78 per cent and the 10-year average is 82 per cent.

Oklahoma

Range feed condition was reported at 75 per cent on January 1, a one-point decline from December 1, but the same as the 10-year average for January, according to the Federal State Crop and Livestock Reporting Service. Ranges and pastures provided fairly good winter feed in most central, north-central and eastern parts of the state, but grass was becoming short in some southern and western sections. The state received very little effective precipitation in December (average only 25 per cent of normal for the month) and growth of wheat and other fall seeded grains was limited both from lack of top moisture and cold weather. Hay and other feed supplies were short in some southern and western portions of the state, but in other sec-

tions supplies were considered adequate unless severe or prolonged storms occur in January and February. Hay prices continued very high and protein feeds were difficult to obtain at many local points. The early January storm provided $\frac{1}{2}$ to 1 inch of moisture over much of the state. The ice cover caused some difficulty with feeding and handling livestock for a few days, but no particular losses were reported.

Cattle condition was reported at 79 per cent, a decline of one point from December and two points below average for January 1. Cold weather and decline in range feed and wheat pasture resulted in some shrinkage but cattle were generally in thrifty, strong condition for the season. Marketing and trading were generally slower in December.

December receipts of cattle and calves at the Oklahoma National Stockyards at Oklahoma City amounted to 47,288 head, compared with 60,336 head in November and 44,013 in December, 1950. Annual total for 1951 is reported at 667,605 head compared with 634,679 in 1950.

Western Ranges

Western range feed and grazing conditions are below average, with more than the usual decline in range feed conditions during December. Snow cover over much of the northern sections and short range feed in the Southwest reduced the supply of winter range forage. Supplemental feeding has been rather heavy in the snow-covered northern sections of the Southwest. Livestock are wintering in fairly good condition, except in the dry areas of the Southwest, with more than average shrink due to storms, snow and cold, according to the January 1, 1952, Western Livestock and Range Report issued by the U. S. Bureau of Agricultural Economics.

The reported condition of range feed in the west at 73 per cent is below average and is the lowest for January 1 since 1940, except in 1949 when 73 per cent was reported. Snow cover in much of the northern winter grazing areas and dry short feed conditions in the Southwest resulted in the lack of range and pasture feed. Snow cover and short range feed in the Southwest necessitated rather heavy supplemental feeding of livestock and resulting feed shortages. December snows covered most winter ranges and pastures in Montana, the Dakotas, Nebraska, northeast and southwest Wyoming, northwest Colorado, and parts of Utah and Nevada. Snow also covered much of Oregon and Washington east of the Cascades and Idaho. Dry short range and pasture feed conditions continued in Texas, New Mexico, Arizona, southern Colorado and southern Utah. Kansas had open conditions with fairly good range and field feeds. Oklahoma pastures have fair to good feed. Most eastern Colorado ranges were open with fair to good range feed. December rain and snow gave much needed moisture to parts of coastal and East Texas, New Mexico and Arizona. California's new pasturage

made a good start in the north, but was retarded by cold weather, with southern California receiving abundant rain late in the year. High watershed areas have received heavy snows. Hay and other feeds are generally ample in the Dakotas, Nebraska and Kansas. Local feed shortages are reported for Montana, Colorado, Utah, Oregon, Idaho and Washington. Heavy feeding of livestock has depleted feed supplies in Texas, Arizona and New Mexico. High protein feeds and oil seed concentrates are difficult to secure.

The reported condition of range feed on January 1, 1952, was 73 per cent, compared with 77 per cent last month, 78 per cent a year ago, and the ten-year (1941-50) average of 80 per cent.

Cattle are wintering in fairly good condition, except in the southwest areas, where range and pasture feeds were short the past season. Storms, snow and cold during December resulted in more than the usual shrink in the northern sections. The largest decline in condition was reported in South Dakota, Montana and Nebraska, with poor feed supplies resulting in considerable shrink in Texas. Losses of cattle have not been heavy, even in the areas of the most severe



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weather conditions. Cattle have been sold rather close in the dry southwestern areas, with heavy feeding to maintain those held. The condition of cattle and calves at 81 per cent compares with 80 per cent on January 1, 1949, and is generally lower than other recent years.

The reported condition of cattle and calves on January 1, 1952, was 81 per cent, compared with 83 per cent last month, 84 per cent a year ago, and the ten-year (1941-50) average of 84 per cent.

Sheep are generally wintering in good condition, except in Texas, parts of Arizona and New Mexico. Snow and storms in Montana and the Dakotas caused a little more than usual shrink, but sheep have held in fairly good condition. Sheep are wintering in good condition in Wyoming, Colorado, Idaho, Oregon and Washington, with about average shrink. Sheep have been maintained in fairly good condition by feeding in New Mexico, Nevada and Utah sheep are in fairly good but below average condition. Sheep conditions are poor in northwest New Mexico and northern Arizona. Texas sheep are in fair condition with poor range feed and heavy feeding. Early lamb prospects are favorable in Arizona and California.

The reported condition of sheep and lambs on January 1, 1952, was 80 per cent, compared with 81 per cent last month, 84 per cent a year ago and the ten-year (1941-50) average of 85 per cent.

Cattle Sales and Prices

Where sex is not given on sale, excepting calves, the reference is to steers. As "The Cattleman" goes to press several days before date of release, range conditions may have changed since these reports were made.

ARCH, NEW MEXICO—There is not much trading except at local auctions where the market is definitely weaker on all kinds of butcher cattle but strong on all kinds of stocker and feeder cattle, especially light weight, good quality calves and yearlings. There is some contracting for spring at higher prices and a few contracts have been written for fall. The spring contracts run from 35c to 40c and the fall contracts are in the neighborhood of 35c. No contracts have been written except on choice calves.—James A. Gowdy.

ARCHER CITY—This country is very dry, having had only scattered showers since last July. There is lots of old grass and cattle are wintering good where supplemental protein is being fed. No fall or spring contracts have been reported and there has been very little trading since the start of the market decline last

fall. A few cattle are moving through auction rings.

Steer calves are selling 30c to 33c; heifer calves, 28c to 32c; two- and three-year-old heifers, \$250 to \$400; dry cows, 20c to 24c; cows with calves, \$225 to \$300; yearling steers, 30c to 32c; twos, 28c to 30c.—W. J. McMurtry.

BENJAMIN—There is practically no trading in cattle in this country at this time. Most all cattle are wintering in good shape but they are being fed a good deal of high priced feed which will make them high priced cattle in the spring. We still need rain for the grain and grass and stock water in some places.—Chas. Moorhouse.

CLARENDON—There are no cattle trades to report. We have had a good winter to date and cattle are wintering in good shape. We have had from one to one and a half inches of moisture this month.

Steer calves are selling 35c to 38c; heifer calves, 34c to 38c; dry cows, 20c to 23c; cows with calves, \$225 to \$275; yearling steers, 32c to 35c.—A. T. Jefferies.

HEBBRONVILLE—We have had no rain since last report. Most all grasses and weeds have dried up for lack of moisture. Cattlemen are busy feeding and burning pear for their livestock. Feed and labor are scarce. No major sales reported, just sales to local markets and prices are in line with other markets.—Jack H. Mims.

QUITAQUE—The first part of January this section had rain, sleet and snow which stayed on the ground several days and gave us better than two inches of moisture. Cattle came through this in good shape, with very little shrink. This moisture was a great boon to the wheat crop and we have prospects of a good wheat pasture by the first of February.—O. W. Stroup.

Five New Sorghums Developed in Texas

FIVE new sorghum varieties developed in the plant breeding and improvement work of the Texas Station were named and released to farmers and seed producers in 1950 by the Texas Agricultural Experiment Station. These new varieties are Combine Kafir-60, Redbine-60, Redbine-66, Hi-Hegari and pop-sorghum.

Approximately 40 pounds of foundation seed of the three new combine varieties—Combine Kafir-60, Redbine-60 and Redbine-66—were distributed in the spring of 1950 to 55 certified seed grow-

ers and farmers. Some of the growers took their seed to the Lower Rio Grande Valley in February and March for increase of seed to grow for certification on their own seed farms as a summer crop.

About 25,000 pounds of registered seed and 750,000 pounds of certified seed of these new varieties were produced in 1950. This was 25 per cent of all registered grain sorghum and 5 per cent of all certified seed produced by Texas growers that year.

The registered seed should permit the production of sufficient certified seed in 1951 to plant three to four million acres in 1952 and to produce 30 to 40 million bushels of sorghum grain in Texas that year.

Hi-Hegari, a forage type sorghum requiring harvest with a row binder, was increased slightly in 1950. Enough seed will be available for exploratory plantings and further increase in 1951.

Although popsorghum is productive enough, it is tall and not well adapted to combine harvesting. Plans are underway to develop a double dwarf variety.

Interest in popsorghum has been unexpectedly high, and requests for seed for planting or samples for experimental trials have come from all over the United States. A seed supply of 400 pounds was soon exhausted and the variety was again increased in 1950 for further distribution.

Challenge to Meat Industry

"SERENITY to accept what you cannot change and the courage to change the things that you can change, are two important things," said E. W. Stephens, western director, American Meat Institute, in a recent banquet speech at the California State Polytechnic College Boots and Spurs, animal husbandry club.

Stephens commented that pounds of meat per capita consumption is expected to rise from the present 141 pounds to 170 pounds in the next two years.

"This is a challenge to the entire meat industry to fill future meat needs. Therefore, opportunity is there if a man has both serenity and courage."

In remarking about price controls on meat, Stephens said, "The lady with the market basket has and always will control meat prices. We can beat inflation by increased production and controlled credit but not by price control."

Hank Stone, Salinas, president of Boots and Spurs, shared the spotlight at the annual affair when he was awarded the Block and Bridle Merit award for the most outstanding animal husbandry student in 1951.

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Range Grazing Studies on Edwards Plateau

A GRAZING study was started in 1949 by the Texas Agricultural Experiment Station at Sonora to determine proper stocking rates, systems of grazing and combinations of livestock for the most rapid recovery of range land on the Edwards Plateau, with adequate financial return to the operator.

Experimental pastures were stocked heavily, with 48 animal units to the section; moderately, with 32 animal units to the section; and lightly, with 16 animal units to the section. One animal unit equals one steer, six goats or six sheep. Some pastures were stocked with sheep, some with cattle, some with goats and cattle and others with a combination of the three. A four-pasture rotation system, grazing all classes of livestock at the rate of 32 animal units per section, was also set up.

On the heavily-stocked pastures the weight gains per head for all classes of livestock, especially cattle and sheep, were considerably lower than on the moderately-stocked, the lightly-stocked or the rotation pastures.

From November, 1949, to February, 1950, the per-head gains or losses for steers with no supplemental feed were: 90-pound loss on heavily-stocked pastures, 60-pound loss on moderately-stocked pastures, 54-pound loss on rotation pastures and 11-pound gain on the lightly-stocked pastures. Comparable gains and losses occurred for the sheep and goats.

On the heavily-stocked areas, none of the more desirable bunch grasses (side-oats grama, cane bluestem, hairy grama, little bluestem, fall witch grass) have reseeded except in the pasture where the stocking rate is in animal units of one-half cattle and one-half goats. With this treatment, sufficient vegetative covering has remained to prevent serious run-off and evaporation, thereby encouraging growth of grass seedlings and grass plants already established.

The pasture heavily stocked with sheep has suffered most, as evidenced by large areas of bare ground. The grass cover was very short on other heavily-stocked pastures and deterioration was evident, but not as badly as on the area stocked heavily with sheep.

Twenty to 40 per cent of the more desirable bunch grasses reseeded them-

selves on all the moderately-stocked pastures and a satisfactory cover remained on the ground for erosion and evaporation control. These pastures are making slow but satisfactory recovery.

Sixty to 90 per cent of the more desirable bunch grasses have reseeded on all the lightly-stocked areas. An excellent vegetative cover was left on the soil. Numerous young plants and seedlings were found, and the pastures were making quick recovery.

The deferred rotation pastures show excellent results, both in the recovery of vegetation and the condition of the livestock grazing them. This system involves four pastures, allowing each pasture to rest for a four-month period in rotation while the other three are being grazed. No pasture is rested for more than four months in a given year, or during the same season in two consecutive years.

The desirable bunch grasses in all rotation pastures are in better condition and the vegetative cover is better than that in any of the pastures stocked at the same rate under the year-long grazing system. In a pasture which has received two rest periods, the condition of the grass is better than that in any of the other pastures in the grazing study, including those not stocked during the past three years.

Grasses and Weeds

Records have been maintained on vegetation changes and grazing management practices at the Barnhart laboratory since 1938. This laboratory is operated from the Sonora station.

Information obtained in 1950 shows that the sod-forming short grasses—buffalo, curly mesquite and tobosa—are the major species in the 15 pastures of the laboratory. Bitterweed and annual broomweed are the principal weeds.

Tobosa grass has maintained a fairly constant proportion of the vegetation since 1938. The percentages of buffalo and curly mesquite have varied. Perennial grass changes seem to lag behind rainfall changes one to two years.

Bitterweed increases as perennial vegetation decreases. Sheep losses from bitterweed continue to be a major problem during certain periods of the year. Since bitterweed is an annual, response to rainfall is immediate. The relative value of grazing practices for bitterweed control is not known; however, management should be directed toward maintaining a heavy cover of perennial grasses.

Annual broomweed is a good indicator of the class of livestock grazed on pastures. High counts of this species were obtained from pastures stocked with cattle, as compared with pastures stocked with sheep. In the rotation pastures, sheep reduce broomweed if they graze the pastures during certain seasons of the year.

Measurements were made of the relative erosion control value of the sod grasses and weeds. Soil level under tobosa grass is characteristically one-half to two inches higher than the surrounding soil supporting buffalo grass, curly mesquite or bitterweed. Water infiltration into the soil is significantly higher under tobosa grass sod.

Buffalo and curly mesquite grasses appear to do best under tightly packed soil conditions. This was illustrated by the increased sod density in trampled areas and on little-used roads and trails.

Feeding Large Amounts of Cottonseed Meal

INVESTIGATIONS into the harmful effect of feeding large amounts of cottonseed meal to young dairy calves were begun by the Texas Agricultural Experiment Station following the sudden deaths of two Holstein heifer calves that were consuming an unlimited quantity of a ration containing 40 per cent cottonseed meal.

A solvent-extracted meal containing 0.68 per cent free gossypol and a hydraulic meal containing 0.15 per cent free gossypol were fed in a mixture that contained 90 per cent cottonseed meal and 10 per cent whey. A trace of mineral mixture and salt also were added. The calves were fed the meal mixtures and good quality alfalfa hay, free choice, from weaning to 180 days of age, or until death occurred. Two Jersey and two Holstein calves were fed each of the two mixtures.

The four Jersey calves reached the end of the trial and were slaughtered at 180 days of age. All four of the Holstein calves died suddenly before reaching this age.

Work at other experiment stations tends to confirm that Jersey calves can consume large quantities of dry cottonseed meal without apparent harm. However, Jersey calves have been killed by consuming cottonseed meal mixed with milk in the form of a gruel.

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Cows and People

As an Easterner Sees Them

THE range area of the West is a relatively new, and newly developed region, even in relation to the eastern United States. If I have read the record of the West correctly, it was not until the 1880's that ranching spread in any considerable degree into the central and northern Great Plains. Since that time the population of the country has tripled. I do not know what quantity of beef was annually consumed per capita at that time because we have no food consumption records which go back much before World War I. But since the years of the first great war, the national population has doubled. And yet, the per capita consumption of beef has been maintained. This is a remarkable record of production accomplishment—a major part of the credit for which goes to the range livestock industry. The livestock producers of these western states have found ways to increase the animal carrying capacity of the land; have upgraded their livestock, and thus have increased the production efficiency of their animals to a degree which has made America rather than merrie old England the land of roast beef—and, even more specifically, the land of a good beefsteak.

I feel that if on the Day of Creation someone had started out to stake his claim to 3,000,000 square miles of territory, he could not have improved very much upon the area lying within the claim stakes located in Maine, Florida, California and Washington. Yet it is true that much of the 11 western states are dry land areas. If ever again we have a vast WPA project, we might put the shovel welders to work cutting down the great mountain range from southern California to British Columbia, thereby letting more moist air into the semi-arid West. But as an alternative, I think it is a fortunate thing that so much of our range country lies adjacent to well watered valleys and in close proximity to the Corn Belt, where abundant feed supplies make it possible to grow out and fatten range animals for the market. This unique juxtaposition of sharply differing geographic areas has the effect of making the range, the irrigated valleys and the Corn Belt more productive agricultural regions than any of these would be without the others. This situation has given rise to specialization in livestock production that is unique. The business of the rancher is to maintain

(A resumé of an address delivered by Harrell DeGraff, professor, school of nutrition, Cornell University, at the American National Livestock Association convention.)

breeding herds and produce calves and lambs which then move on to the feeder. The feeder is distinctly American phenomenon. He is not found except in exceedingly small numbers anywhere else in the world. But it should be much better understood by the American people than it is that this unusual combination of range country and Corn Belt, and rancher and feeder, has been very largely responsible for the fact that we can build our meals around meat, as all of us but a peculiar handful of vegetarians like to do.

But it was not enough that Nature endowed us with these differing types of land, each suited to its own special purposes. We had to have in addition the kind of economic system that encouraged people to face the hardships, to take the risks and to develop the potential production which Nature had made possible. That kind of economic climate is one we have enjoyed, and without it we never would have had the present development or the present volume of output from either the range or the crop farming areas. This economic system has permitted each rancher and each farmer to develop and utilize his resources as his own knowledge of them dictated. He produced calves and sold them in the market, or, if he was a feeder, he bought calves and grew them out, directed solely by the feed he could produce, the costs he had to incur and the market prices he could get. He has responded to the dictates of his own intelligence and his own desire for self-improvement. In so doing, each producer made his fullest contribution to his own welfare, and

at the same time to the welfare of the country, without any need for anyone in government to tell him how, or when, or what to do. It has been this system of intelligent selfishness — a system based upon the right of property, the right to earn a dollar and to keep it, the right to work and achieve and have and use, the right of each of us to try to build something better for our children than we had for ourselves, that has made this the most productive, the most prosperous, the best fed, the best housed, the best educated, the most healthy, the most well-off people in the world. It is this economic system through which we have achieved our remarkably high standard of living.

... The achievements of the American crop and livestock industries have been so great that this is no longer essentially an agricultural country. We have risen to a place of leadership among the nations of the world not directly as a result of our agricultural production, great as that is; rather, it is the enormous output of American coal and petroleum and steel and chemicals and machines that speaks most loudly in a power-dominated world. A growing population has been provided with an improving diet, and this has been done with a decreasing proportion of the labor force of the country engaged in farm and ranch operation.

We are a country with 6 per cent of the world population. But we have about 45 per cent — only a little less than half — of the world's total industrial output. We never could have attained this urban and industrial growth, however, had not developments in agriculture made it possible for us to provide the growing city population with their essential products of the land. I believe that the industrial growth of this country stands on the two strong legs of (1) science applied to crop and livestock production, thus increasing the output from each acre and each animal, and (2) machinery used to replace farm labor, thus making possible ever greater production per man on the land.

But (the cattleman's) production achievements cannot stop here, either for your well-being or the welfare of the nation. The country is experiencing a phenomenal growth of population—one that is seriously challenging our agriculture to keep pace. Nothing except war, and the possibility of more war, has so changed the economic horizons of the country as the rapid upsurge in our population in recent years. Only a few years ago there was much discussion of our reaching a population ceiling of perhaps 160,000,000 or 165,000,000, after which no further growth was to be expected. We



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have had to revise any such ideas completely. As recently as February, 1949, the Bureau of the Census published a projection of the future population of the country which a year and a half later — in July, 1950 — was already 2,000,000 persons too low. Now it is generally felt that we do not know how long our population will continue to grow, or how fast the growth will be. The latest official forecast indicated that we might have 175,000,000 people in the country by 1960, and perhaps even as many as 193,000,000 by 1975.

If we are to maintain the present quality of the American diet, we are going to have to expand agricultural production in this country at a rate somewhere between 1½ and 2 per cent a year for as long as the current rate of population increase continues. This may not seem like a very high rate of production increase to anyone who meets casually with such a figure for the first time. But it is, nevertheless, a more rapid rate of sustained increase than we have had in the past.

I think we can achieve this greater food production if we get a break from the weatherman so that we get good grass and crop yields, and if we do not get so many complicated government controls of agriculture that farmers and feeders and ranchers are discouraged in their production efforts.

It is not likely that we are going to expand crop acreage a great deal. Rather, it will be necessary to get the greater output from about the same acreage we now have in crops. This means we must get greater yields per acre of crop-food products and of livestock feed. And it will be equally necessary to use our forage and grain feeds more efficiently in converting them to food . . . through the application of still more science to farming.

I do not wish to imply that ranchers have not already made great progress in increased efficiency. I know you have. The cattle on the range today are a far cry from the long-legged, rangy longhorns which were driven north in the 1880's. Looking at the beef animals being shipped to the stock shows today, one is reminded of Mark Twain's comment on how long a man's legs should be. He said, "Long enough to reach the ground." I have had the feeling that today's steers have lost all their legs below the hocks. But it surely is a more efficient animal you are now producing. It makes more beef for less feed than its predecessors. I know that in the last 20 years there has been a 6 per cent increase in the calf crop per 1,000 head of cows. There has been, likewise, a 13 per cent increase in the live-weight of cattle produced per head of breeding stock. And there has been a small decrease in calf death losses.

The total number of livestock in range areas, or on any given range, is limited by the available feed. And range feed production is, first, a question of water; secondly a question of the fertility of the land, and finally a question of the plant population — both kind and number of plants . . . Since forage production is the very foundation of ranching, then good agronomy is as indispensable to your business as it is to humid-region farming. Has enough research been done on brush control? On the development of improved grasses? On reseeded techniques? On practical methods of

(Continued on Page 191)

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HEREFORD SALES

- Feb. 4—Kansas Range Bull Sale, Dodge City, Kans.
Feb. 5—Top O' Texas Hereford Assn., Pampa, Texas.
Feb. 6—Southwest Oklahoma Hereford Sale, Lawton, Okla.
Feb. 6—HG Hereford Farms, Colby, Kans.
Feb. 11—Howard-South Plains Hereford Assn., Big Spring, Texas.
Feb. 12—North Plains Hereford Assn., Perryton, Texas.
Feb. 13—Tri-State Hereford Assn., Clayton, N. M.
Feb. 14—Hill Country Hereford Assn., Mason, Texas.
Feb. 15—Gulf Coast Hereford Br. Assn., Columbus, Texas.
Feb. 15—Beckham County Hereford Br., Sayre, Okla.
Feb. 19—San Antonio Sale, San Antonio, Texas.
Feb. 20—Five States Hereford Br. Assn., Boise City, Okla.
Feb. 25—Round-Up Sale, Kansas City, Mo.
Feb. 25—Cedar Lane Farms, Greenville, Miss.
Feb. 26—Thad Fowler Dispersion, Hattiesburg, Miss.
Feb. 28—Southeastern Hereford Futurity, Birmingham, Ala.
Feb. 29—Conlson & Pinion, Phil Campbell, Ala.
Mar. 3—Bryan County Hereford Sale, Durant, Okla.
Mar. 5—Panhandle Hereford Br. Assn., Amarillo, Texas.
Mar. 7—Big Pasture Purebred Hereford Assn., Walters, Okla.
Mar. 8—Sand Hills Hereford Assn., Odessa, Texas.
Mar. 8—Brookview, Elkhorn and Providence Farms, Lexington, Ky.
Mar. 10—Circle H Ranch, Winona, Miss.
Mar. 12—Red River Valley Hereford Assn., Fredrick, Okla.
Mar. 14—East Texas Hereford Br. Assn., Tyler, Texas.
Mar. 15—Northeast Texas Hereford Br. Assn., Daingerfield, Texas.
Mar. 17—Oklahoma Hereford Assn., Oklahoma City, Okla.
Mar. 19—Central Oklahoma Hereford Breeders, Oklahoma City, Okla.
April 7—Hurricane Hill Farms, Dyersburg, Tenn.
April 8—John F. Goodnite & Sons, Sardis, Miss.
April 14—Smithdale Hereford Farms, Limestone, Tenn.
May 9—J. V. Severe & Red Cliff Farm Joint Hereford Reduction Sale, Ashland, Kans.
June 6—Hereford Heaven Assn., Sulphur, Okla.
June 21—Morlunda Farms, Lewisburg, W. Va.
July 6—Hereford Heaven Assn., Sulphur, Okla.
Oct. 20—Smithdale Hereford Farms, Limestone, Tenn.
Oct. 25—Circle A Hereford Farms, Morris, Ill.
Oct. 30—MHM Hereford Farms, Pulaaki, Tenn.
Nov. 3—Panola-Tate Fall Calf Sale, Senatobia, Miss.
Nov. 19—Mid-North Texas Hereford Assn., Cleburne, Texas.
Dec. 1—West Texas Hereford Assn., Abilene, Texas.
Dec. 6—Hereford Heaven Range Bull Sale, Ardmore, Okla.

Dec. 13—Bridwell Hereford Ranch, Wichita Falls, Texas.
Dec. 15—Turner Ranch, Sulphur, Okla.

POLLED HEREFORDS

- Feb. 18—Circle M Ranch, Senatobia, Miss.
Feb. 19—Mid-South Polled Hereford Assn., Memphis, Tenn.
Feb. 20—Texas Polled Hereford Breeders Sale, San Antonio, Texas.
Mar. 10—Halbert & Fawcett, Avilla, Mo.
Mar. 11—O'Bryan Ranch, Hiattville, Kans.
Mar. 25—Panola-Tate Polled Hereford Assn., Senatobia, Miss.
Mar. 27—Malone Ranch, Meridian, Miss.
Mar. 29—Texas Polled Hereford Assn. Show & Sale, Marshall, Texas.
May 12—Panola-Tate Polled Hereford Calf Sale, Senatobia, Miss.

ANGUS SALES

- Feb. 1—Texas Aberdeen-Angus Assn., Fort Worth, Texas.
Feb. 18—Texas Aberdeen-Angus Breeders Sale, San Antonio, Texas.
Feb. 20—Lawrence-Randolph County Aberdeen-Angus Assn., Pocahontas, Ark.
Feb. 23—Joe Steed, Broken Arrow, Okla.
Feb. 25—C. E. Reed, Wichita, Kans.
Feb. 27—Southwestern Angus Assn., Sayre, Okla.
Feb. 27—E. W. Thompson-Jesse L. Dowdy, Sedalia, Mo.

Feb. 28—O. K. & T. Angus Breeders Assn., Bufalo, Okla.

- Feb. 28—Central Illinois Angus Br. Assn., Con-gerville, Ill.
Mar. 1—Birdseye Angus Farms, Birdseye, Ark.
Mar. 3—Penney & James, Hamilton, Mo.
Mar. 14—Northeast Texas Angus Sale, Sulphur Springs, Texas.
Mar. 18—Oklahoma State Angus Breeders Assn., Oklahoma City, Okla.
Mar. 24—Southern Okla. Angus Breeders Assn., Ardmore, Okla.
April 1—Joe Benton, Nocona, Texas.
April 2—Lokwood Farms-Ricecland Farm, San Angelo, Texas.
April 5—Fuerst & Bethel Sale, Pine Plains, N. Y.
April 5—Black Gold Angus Farm, Robert Lee, Texas.

SHORTHORN SALES

- Feb. 23—Mississippi State Shorthorn Breeders, Jackson, Miss.
Mar. 20—Oklahoma Shorthorn Br. Assn., Oklahoma City, Okla.
April 4—Southwest Okla. Shorthorn Breeders Sale, Hobart, Okla.
April 5—Fort Cobb Sale, Fort Cobb, Okla.

BRAHMAN SALES

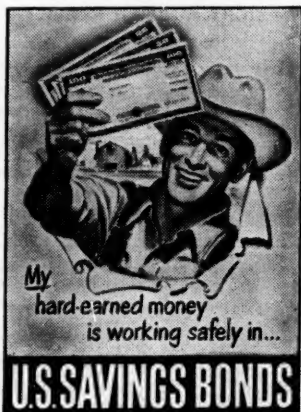
- Feb. 8—Texas Area No. 1, Brahman Sale, Houston Stock Show, Houston, Texas.
Feb. 9—Pecan Acres Ranch, Simonton, Texas.
Mar. 12—El Campo Range Bull Sale, El Campo, Texas.
May 1—Registered Brahman Range Cow Sale, El Campo, Texas.

HORSE SALES

- April 5—Jenkins Bros. Quarter Horse Sale, Fort Worth, Texas.
April 8—R. Q. Sutherland Quarter Horse Sale, Overland Park, Kans.
April 21—J. S. Batson Production Quarter Horse Sale, Marietta, Okla.

GENERAL

- Feb. 8-9—LaSalle County Livestock Show, Cotulla, Texas.
Feb. 16-24—San Antonio Livestock Exposition, San Antonio, Texas.
Feb. 27-Mar. 2—San Angelo Fat Stock Show, San Angelo, Texas.
Mar. 3-7—Amarillo Fat Stock Show, Amarillo, Texas.
Mar. 5-8—Sand Hills Hereford and Quarter Horse Show, Odessa, Texas.
Mar. 11-15—North East Texas Livestock Show, Sulphur Springs, Texas.
Mar. 17-19—Annual Convention, Texas & Southwestern Cattle Raisers Assn., Fort Worth, Texas.
Mar. 23-25—New Mexico Cattle Growers Assn., 38th Annual Convention, Albuquerque, N. M.
Mar. 28-29—Texas Polled Hereford Assn. Show & Sale, Marshall, Texas.
May 4-10—American Royal Dairy Cattle Show, Kansas City, Mo.
May 16-17—San Angelo Horse Show, San Angelo, Texas.
June 27-28—18th Annual Osage County Cattleman's Assn. Convention, Pawhuska, Okla.
Oct. 3-20—Ak-Sar-Ben, Omaha, Nebr.



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J. E. Hodges, 137 Grapeland	San Antonio
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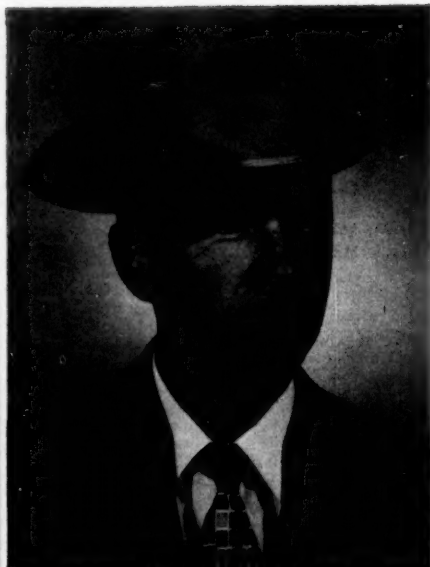
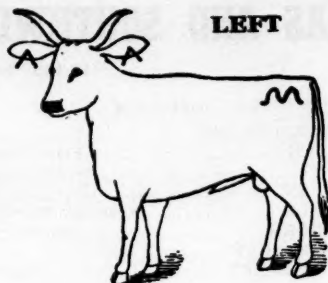
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Alice	{W. C. Herring, Box 1461, Abilene
	{Walter King, Box 502
	{Mrs. Lilia King, Office
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	{James T. Bratcher, 121 E. Exch. Ave.
	{M. O. Cannon, 121 E. Exch. Ave.
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Kansas City, Mo.	{G. F. Barry, 708 L. S. Exch. Bldg.
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	{Mrs. Octa Cannon, Office
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	{Frank R. Savage, Drawer 1095
So. St. Joseph, Mo.	{Herb Dahl, L. S. Exch. Bldg.
Texarkana	{Francis Adams, Box 512

The cost of membership in the Association is \$4.00 annual dues and 12 cents per head per year assessment on the number of cattle rendered.

The Association employs inspectors at the markets and principal shipping stations on the range. Field inspectors are also employed to travel over the range country and investigate reports of cattle stealing, etc. Association attorneys assist in the prosecution of those charged with theft of cattle owned by members.

Write for Information About the Texas and Southwestern Cattle Raisers' Association, Henry Bell, Secretary, Fort Worth

BRANDS THAT Belong



NORMAN MOSER
DeKalb, Texas

NORMAN MOSER operates a ranching business in Bowie County, Texas, in partnership with his brother, Otto Moser. This partnership was admitted to membership in the Texas and Southwestern Cattle Raisers Association in 1944, and their brand has been carried in the brand books of the Association Inspectors since that year. The Mosers run Hereford cattle and sell feeder calves. Each winter they feed out part of their own calf crop on home-grown grain. Both Otto and Norman are graduates of Texas A. & M. College.

In May of 1951 Norman went to Washington and appeared before the Agricultural Committee and the Banking and Currency Committee. There he joined other members of the Texas and Southwestern Cattle Raisers Association in successfully opposing proposed OPS "roll backs" on livestock products and killing quotas. Thus, one more victorious fight for the rights of cattlemen everywhere was made by representatives of this Association.

ONE OF SERIES . . . This is another of a series of articles to acquaint you with members of this Association. These men are part of the more than 9,500 progressive cattlemen who maintain this organization to protect the interests of the industry and the individual members. The full protection and privileges of membership are accorded all members—large and small alike.

You are invited to apply for membership

HOW LITTLE IT COSTS!

The minimum yearly charge for Association membership is \$14.50 (based on 50 head).

If you are running 100 head in your herd—you would render 65 head (65% of herd) and your yearly dues would be \$16.45.

If you are running 200 head in your herd—you would render 130 head (65% of herd) and your yearly dues would be \$24.90.

These are just sample charges—complete information regarding charges for membership may be found in the application on next page, or get in touch with your nearest Association Inspector. Names and locations of all inspectors are listed on the reverse side of this page.

**MEMBER
TEXAS & SOUTHWESTERN
CATTLE RAISERS
ASSN. INC.
POSTED**

THE SIGN OF PROGRESSIVE CATTLEMEN OF THE SOUTHWEST

Protect your cattle . . . Protect your property . . . Protect your industry! Fill out and return the application for Association Membership to Henry Bell, Sec'y, 410 East Weatherford St., Fort Worth 2, Texas. Display the sign of progressive cattlemen.

Texas and Southwestern Cattle Raisers Association

Application for Membership

AGRICULTURE is an industry of many phases; livestock raising is among the most hazardous. In furnishing the beef of this nation the cattleman is confronted with problems which may be divided into two distinct classes, individual and common.

Individual problems are those which belong to each man separate and distinct from his neighbor or fellow industryman.

Problems of common interest are those which belong to the industry as a whole. Every cattleman knows that diligent attention must be given to matters involving legislation, marketing, finance, freight rates, meat consumption, and the like, the same as the individual must be concerned about feed, water, labor, and other ranch problems. Group action through organization alone furnishes the operating machinery for dealing with problems of common interests.

The necessity for organized effort has caused each industry to form its association. It brought into being organizations for labor and all other businesses. Livestock producers in every state or section formed representative bodies, and among the first was the Texas and Southwestern Cattle Raisers Association.

Membership is open to any cattle producer recommended by responsible parties. There are cattlemen and livestock farmers in every section of the Southwest who are not members but who should be and lend their support to the efforts of this organization in behalf of their industry.

Experienced inspectors are stationed on all the central markets to which cattle from Texas and neighboring states are ordinarily shipped. Upon authorization by a member proceeds of cattle bearing his brand are held, pending investigation, if the inspector believes that such cattle are being handled by unauthorized parties.

Field men are stationed at important range centers and inspect shipments, conduct investigations of losses by members, assist local officers in apprehending and capturing cattle thieves, and serve the membership in any way possible. An attorney furnished by the Association assists local officers in prosecuting parties indicted for theft from a member.

When filling out this application it is important that information as to marks and brands and range of cattle be as complete as possible. Draw your brands and marks on the cuts of animals on reverse side just as they appear on the cattle. Use a separate cut for each brand and state whether the cattle are of your own raising; or if bought, give the name and address of the party from whom you bought. Brands may also be recorded in the space for remarks. If a brand is a tally on bought cattle same will doubtless be in many marks and a "V" should be put in one ear and "M" in the other—indicating various marks.

Charges incident to membership are \$6 annual dues, \$2 subscription to "The Cattleman," and an assessment of twelve cents per head per year on the number of cattle rendered, which number should be 65% of the actual number owned. There is also a voluntary assessment of 1 cent per head on the number of cattle rendered for the support of the National Live Stock and Meat Board. The minimum charge for membership with brand rendered is based on a rendition of 50 head, and even though you own less than 50 head, you are eligible for membership at the minimum charge. If you are now a subscriber to "The Cattleman," same will not be charged to your membership until present subscription expires.

The strength of any representative organization is entirely dependent on the support given it and the number of persons or the composite assets it is authorized to represent. The more members the Association has, the wider can be its scope of representation, and the more effective will be its endeavors.

19

To the President and Members of the Texas & Southwestern Cattle Raisers Association:

The Petition of the subscriber represents that he is desirous of becoming a member of the Association and I CERTIFY THAT I HAVE RENDERED NOT LESS THAN 65% OF THE CATTLE I AM HANDLING. In case of acceptance I agree and bind myself to conform to the By-Laws governing the Association, and to pay all dues, assessments and other charges provided for by the Association, at Fort Worth, Texas.

Name.....
(Print Name)

Ranch is located.....

Postoffice is.....

65% of the cattle controlled is.....

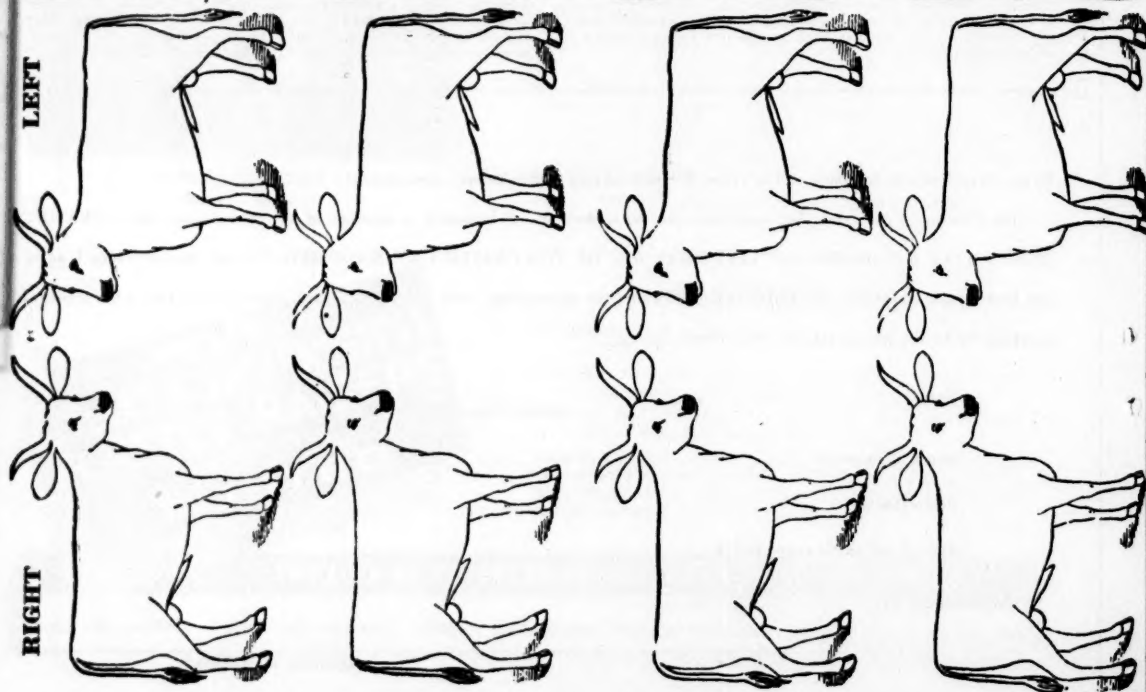
Recommended by.....

Signature of Applicant

REMARKS

(For Instructions See Other Side)

HORSE BRANDS



Cows and People

(Continued from Page 185)

fertilizing such ranch land as will benefit from and justify fertilizing? If the answer to any of these questions is no — and I expect it is to all of them — then who should be doing the research? And how can cattlemen, individually or collectively, get it done?

Since range forage is harvested by livestock, the second point of attack for still more efficient production is the improvement of the animals. Even laying aside the recurrent effects of drouth and adverse winters, are the calf crops you now get good enough? Are there possibilities for better disease control? Can the average production life of breeding animals be lengthened? Is there a possibility of herd improvements which will result in more rapid-gaining calves?

These are problems of the kind on which, at the New York experiment station, we are constantly pressured for greater research efforts . . . I do not cast any aspersions on the purebred breeders when I say I have been much intrigued by developments in crossbred cattle of the kinds which have introduced greater disease and heat resistance for southern range areas. I have likewise been impressed by the progeny testing work which has led to the selection of rapid-gaining bull calves which, when later used as herd sires, pass on their capacity for rapid gain to the calves they get.

Other research important to our industry is that being done at midwestern agricultural colleges leading to cheaper and more efficient gains on feeder animals after they move into the feedlots. This research benefits the rancher because if the feeder can put on gains more cheaply he will be in a position not only to feed profitably on a lower market when it comes, but he can also pass some of his increased efficiency back to the rancher in a better price for calves.

However anyone looks at agriculture, whether it is crop farming or range operation, it is found to be a very competitive business. And the competition is mainly in terms of production costs. That is to say, the individual producer cannot have very much influence on the market price of his product. All producers selling the same product in the same market at the same time will get about the same price. But there are as many different costs of production for a unit of product as there are individual farmers producing the commodities. It is always the fellow who is most efficient who can squeeze for himself the largest net margin from whatever the market price may be.

I recognize clearly that there are hazards in expanding and intensifying your operations — and not the least of these hazards is big government. Big government affects your operations in many ways. High taxes is one. Anyone might well ask, why work harder and run the risks involved in more intensive production when you cannot retain the earnings but do have to stand any losses? But there is another way of looking at the tax problem. You can perfectly legitimately use income-before-taxes for the purpose of improving your ranch or your herd. Thus you are using cheap dollars for the improvements — with Uncle Sam, in effect, paying a share of the cost equal to your income tax bracket. If they are legitimate improvements, they are perfectly legal charge-offs on your income tax — and are not only in

your interest but in the interest of the nation as well. A time of high income taxes is a very good time for brush clearing, reseeding, water development and herd improvements.

An even greater problem than taxes is government domination of your business through the abrogation of free prices and free markets. Your industry is even more susceptible to disruption by government planning and price fixing than most other agricultural enterprises. The reason is ranching has such a slow capital turnover. You have to make plans two to five years in advance as to what you will produce, what you will buy and what you will sell. The risks and uncertainties introduced by unpredictable government directives, when government has authority over your prices and your operations, can become almost prohibitive.

The farm people of this country have become a small minority of the total population. And ranchers are a minority of the minority. Minority groups simply cannot afford to permit the control of their economic life to become vested in government agencies, where pressures can be brought to bear by the greater voting strength of majority groups. Government agencies bow to the strongest political pressures, and then minorities get hurt. There was ample evidence of that in the beef industry in 1951 . . . Never before have so many people been so dependent on so few for their food. Food production must be encouraged, rather than discouraged by unpredictable price manipulation.

It is consumers who need to be educated to these economic facts of life. And that job has to be done more intensively in the densely populated urban areas instead of out here in your country.

If we can maintain a flexible, dynamic type of economic climate such as we have had in the past, this nation will eat well, even with a rapidly growing population. Cattlemen and others will continue to make production progress. We can get better crops and better animals and more of them — if only we can avoid being fenced in by the deadening hand of authoritarian power.

In the next 25 years, United States population may reach 190,000,000 which means that 25 per cent more food will be needed. On the basis of present yields, it would take as much more land as Ohio, Michigan, Indiana, Illinois, and Wisconsin together to produce this additional food. So the increase is going to have to come through better crops, management, conservation, and better livestock.

Write for information about the Texas and Southwestern Cattle Raisers Association, Henry Bell, Sec'y, Fort Worth.

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25 head cows, heifers and young bulls out of Foundation Zebu Herd. They show their breeding, every animal the personification of grace and beauty. These Zebu Brahman are truly the aristocrats of the bovines—all should calve by end of February. Cows will weigh 1200 lbs. or more in present flesh. The oldest cow is eight years.
31 head unregistered pure blood Brahman, all bred to calve by spring and early summer. The oldest cow in the herd is seven years.

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WANTED—Good man to look after herd of registered Angus cattle. Must know how to fit and show. Salary and per cent. of sales. Good living quarters on highway. New cattle barn just completed. Convenient.—Write or call Will Knight, Casplans, La.

WANT permanent, steady employment. Have 30 years of cattle experience and practice. Read, write and speak Spanish but am Anglo. Am capable, competent, efficient and stable, as well as dependable. Can furnish references and recommendations. Have animal husbandry experience and management. Box 2-W, The Cattleman.

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Available: Ranch manager, 32, with present position five years. Seeking new place because owner ill health and doubt continuity of present setup. Majored in agricultural economics; minored in animal husbandry at Texas A. & M. Have handled and shown registered Brahman cattle, Quarter Horses and maintained a commercial herd. Also farming 12,000 acres and experienced in pasture improvement. Speak fluent Spanish. Box 2-P, The Cattleman.

WANTED—Good man for Hereford herd. Must know how to fit and show. Give experience and salary expected. Lakeview Hereford Farm, P. O. Box 1148, Tyler, Texas.

FEED FOR SALE

60 tons of soybean meal. Cattle raisers write A. E. Aydt, 614 N. Third St., St. Louis 2, Mo.

WANTED—Foreman on ranch. Must be thoroughly familiar with irrigation, soil conservation and agriculture; also, cowman with knowledge of general ranching and growing of cattle. First class and permanent job. Must be sober. Ranch in Dalmatian County. R. L. McMurtry, 2222 Hughes St., Amarillo, Texas.

Young married man with stock farm background desires position as ranch or stock farm manager. B.S. degree in Animal Husbandry from Texas A.M. College. Good references. Box 2M, The Cattleman.

ALFALFA FOR SALE. Ground with molasses, corn, linseed, barley or oats. A complete feed for cattle ranchers or shepherds. Call or write John B. Cook, Jr., or Max Cooper at The Alfalfa Co., Box 101, Tyler 50, Scottsbluff, Neb.

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